
South Dakota GAME REPORT

No. 2019 - 03

2018

Annual Report

BIG GAME HARVEST PROJECTIONS

Corey Huxoll

**Game Harvest Surveys Coordinator
Division of Wildlife
South Dakota Department of Game, Fish and Parks
Joe Foss Building, 523 E. Capitol Ave.
Pierre, South Dakota 57501-3182**

PREFACE

Big game harvest estimates reported herein for the 2018 big game seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

Wildlife Division Terrestrial Resources Section personnel (all seasons except Bighorn sheep and Mountain goat – Corey Huxoll; Bighorn sheep and Mountain goat – Chad Lehman) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R. Harvest survey responses were taken directly over the Internet using Qualtrics® or the SDGFP website, or were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

This report funded in part by Federal Aid Project W-95-R



INDEX

	Page
Preface	i
Index.....	1

TURKEY

Spring Firearm Prairie -- season summary.....	4
unit harvest projections	5
season trends	6
Spring Firearm Black Hills -- season summary.....	7
unit harvest projections	7
season trends	8
Spring Archery Statewide -- season summary.....	9
harvest distribution	10
season trends	11
Spring Mentored Youth -- season summary.....	12
harvest distribution	13
Spring Custer State Park -- season summary	14
Fall Prairie -- season summary.....	15
unit harvest projections	15
season trends	16
Fall Black Hills -- season summary.....	17
season trends	18
Fall Mentored Youth -- season summary.....	19
harvest distribution	20

PRONGHORN ANTELOPE

Archery -- season summary.....	21
harvest distribution	22
season trends	23
Firearm -- season summary.....	24
unit harvest projections	24
unit and license type harvest projections	25
landowner own land harvest distribution	25
season trends	26
Mentored Youth -- season summary.....	27
harvest distribution	28
season trends	29
Custer State Park -- season summary	30

ELK

Archery -- season summary	31
unit harvest projections	31
season trends	32
Black Hills Firearm -- season summary	33
unit harvest projections	34
season trends	34
Prairie Firearm -- season summary	35
unit harvest projections	35
Custer State Park Archery -- season summary	36
Custer State Park Firearm -- season summary	36
Custer State Park Antlerless -- season summary	37

DEER

Statewide Combined All Deer -- season summary	38
harvest projections	39
harvest trends	40
license trends	40
Statewide Archery -- season summary	41
harvest projections	41
harvest distribution	42
season trends	45

Firearm Deer

Apprentice -- season summary	46
unit harvest projections	46
harvest distribution	47
season trends	48
Mentored Youth -- season summary	49
unit harvest projections	49
harvest distribution	50
season trends	51
Muzzleloader -- season summary	52
unit harvest projections	52
harvest distribution	53
season trends	54
Landowner Free Antlerless -- summary	55
harvest distribution	56

Firearm Deer -- (continued)

West River –season summary	57
unit harvest projections	58
unit and license type harvest projections	59
season trends	60
landowner on own land harvest	61
special buck harvest.....	62
East River -- season summary	63
unit harvest projections	64
unit and license type harvest projections	65
season trends	66
landowner on own land harvest	67
special buck harvest.....	68
National Wildlife Refuge - season summary	69
unit and license type harvest projections	70
Sand Lake - season trends	71
Lacreek - season trends	71
Waubay - season trends	72
Black Hills -- season summary	73
unit and license type harvest projections	73
season trends	74
Custer State Park -- season summary	75
MOUNTAIN GOAT – season summary.....	76
BIGHORN SHEEP – season summary	76
MOUNTAIN LION – season summary.....	77
Custer State Park permit summary	78
preference in population trend	78

SPRING PRAIRIE TURKEY

The 2018 Spring Prairie Turkey season was open April 14 through May 20 for all units except Davison/Hanson, and Lincoln, which had split seasons. License sales totaled 6,510 (5,364 residents and 1,146 nonresidents) compared to 6,577 in 2017. There were 6,656 licenses available and overall tag sales totaled 7,287. Only single and double tag male turkey licenses were available.

The survey sample size was 4,840 (81% of all hunters) and the response rate was 80%. Surveys were sent via email and regular mail. The reported overall success rate for hunters was 38% and the projected harvest was 2,733 turkeys, including 9 hens.

Spring prairie turkey hunters averaged 2.18 days hunting for a projected total of 13,012 hunting days. Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.49.

Comparison of the 2009-2018 Spring Prairie Turkey Seasons

Year	Resident Licenses	Nonres Licenses	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Males	Hens			
2009	6,284	1,195	12,472	5,769	600	51%	2.93	5.81
2010	6,445	1,246	12,655	5,809	755	52%	2.93	5.81
2011	6,817	1,247	13,203	4,989	547	42%	2.70	5.50
2012	6,479	1,384	12,802	5,112	442	43%	2.58	5.67
2013	6,489	1,385	12,879	4,732	481	41%	2.57	5.33
2014	5,888	1,301	8,962	3,491	106	40%	2.40	5.26
2015	5,604	1,357	8,470	3,555	10	42%	2.64	5.34
2016	5,648	1,202	7,907	2,482	4	31%	2.72	5.49
2017	5,364	1,213	7,371	3,323	5	45%	2.50	5.55
2018	5,364	1,146	7,287	2,724	9	38%	2.18	5.49

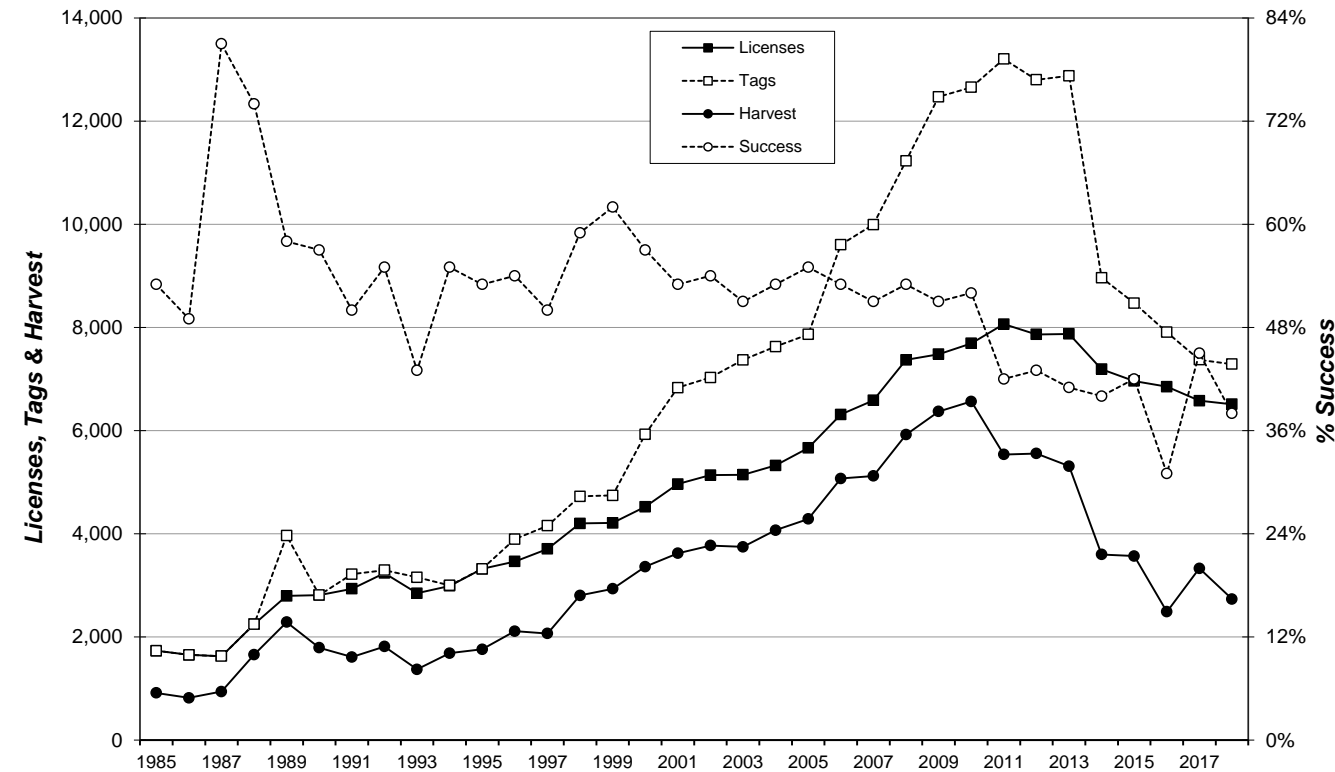
South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections

Corey Huxoll

2018 Spring Prairie Turkey Harvest Projections

County Unit		Licenses														Harvest Projections				Avg Days	Mean Satisfctn				
		License	Resident					Nonresident				1st tag	2nd tag	Males			Total								
			Type	Hunters	Choice *	Avail.	Sold	Appl. 1st	Choice *	Avail.	Sold			Response Rate	Tags sold	Tag Success		Hunter Success	LCI			UCI	Adults	Jakes	Hens
Bennett	32	33	23	30	30	11	3	3	79%	33	58%	58%	49%	67%	58%		18	1	0	19	1.88	6.10			
Bon Homme	32	250	216	250	250	0	0	0	79%	250	40%	40%	35%	44%	40%		93	6	0	99	1.98	5.64			
Brookings	32	20	69	20	20	0	0	0	90%	20	39%	39%	35%	45%	39%		7	1	0	8	2.78	6.08			
Brule	32	127	45	150	130	0	0	20	73%	150	37%	41%	35%	47%	37%		48	8	0	56	2.05	5.57			
Butte/Lawrence	32	291	98	350	208	86	28	168	83%	376	40%	44%	38%	49%	40%		138	9	2	149	2.26	5.56			
Campbell/Walworth	32	10	26	10	10	0	0	0	80%	10	25%	25%	20%	40%	25%		1	1	0	3	2.50	5.60			
Charles Mix/Douglas	32	350	321	350	350	0	0	0	80%	350	32%	32%	27%	36%	32%		101	11	0	111	2.14	5.37			
Clay	32	117	74	120	119	0	0	1	85%	120	34%	32%	28%	36%	34%		37	5	0	41	2.60	5.48			
Corson	32	84	28	100	92	8	8	16	81%	108	30%	34%	27%	41%	30%		30	1	1	32	2.68	5.31			
Custer/ Penn-Mid	32	132	51	150	125	17	12	33	73%	158	40%	42%	36%	49%	40%		59	4	1	64	2.14	5.40			
Davison/Hanson	32	148	105	160	160	0	0	0	82%	160	25%	24%	20%	28%	25%		37	2	0	39	1.85	5.12			
Day/Codington	32	80	141	80	80	0	0	0	70%	80	36%	36%	29%	43%	36%		26	1	1	29	2.59	5.61			
Deuel	32	90	144	90	90	0	0	0	84%	90	47%	47%	43%	52%	47%		37	6	0	43	2.96	5.46			
Dewey/Ziebach	32	132	52	150	131	13	12	31	84%	162	43%	45%	40%	50%	43%		61	8	0	69	1.73	5.80			
Fall River	35	144	66	150	113	26	12	49	85%	324	32%	42%	38%	47%	41%	23%	95	10	0	105	2.55	5.00			
Grant	32	221	276	220	221	0	0	0	82%	221	46%	46%	41%	50%	46%		94	7	0	101	3.22	5.64			
Gregory	32	729	546	700	665	181	56	91	75%	756	42%	41%	36%	46%	42%		258	59	0	316	1.85	5.48			
Haakon	35	204	75	200	136	38	16	80	78%	432	33%	40%	35%	45%	41%	26%	118	24	0	142	1.92	5.46			
Hamlin	32	10	11	10	10	0	0	0	78%	10	0%	0%	0%	0%	0%		0	0	0	0	4.43	7.00			
Harding	32	108	86	100	99	32	8	9	78%	108	42%	42%	37%	47%	42%		42	4	0	46	1.96	5.47			
Hughes	32	30	32	30	30	0	0	0	93%	30	43%	43%	40%	47%	43%		9	4	0	13	2.21	5.14			
Hutchinson	32	60	72	60	60	0	0	0	78%	60	26%	26%	20%	32%	26%		15	0	0	15	2.06	5.16			
Jackson	32	136	64	150	87	43	12	75	84%	162	45%	47%	42%	53%	45%		64	9	0	73	1.78	5.80			
Jerauld	32	10	17	10	10	0	0	0	90%	10	67%	67%	60%	70%	67%		7	0	0	7	4.44	5.38			
Jones	32	64	20	75	47	8	6	33	70%	80	22%	27%	19%	36%	22%		15	3	0	17	1.30	5.89			
Lincoln	32	100	177	100	100	0	0	0	79%	100	32%	32%	27%	36%	32%		28	4	0	32	2.23	5.30			
Lyman	32	108	133	100	100	26	8	8	74%	108	35%	35%	30%	41%	35%		34	4	0	38	1.38	5.27			
Marshall/Roberts	32	400	421	400	400	0	0	0	80%	400	43%	43%	38%	47%	43%		153	17	0	170	2.54	5.55			
Meade/Penngtn	35	303	89	300	193	89	24	128	80%	642	34%	45%	40%	50%	45%	25%	210	8	0	218	2.04	5.56			
Mellette	32	288	95	350	221	41	28	158	79%	379	32%	29%	24%	34%	32%		91	27	3	121	1.69	5.53			
Minnehaha	32	80	134	80	80	0	0	0	86%	80	33%	33%	29%	38%	33%		24	2	0	27	2.87	5.59			
Moody	32	60	68	60	60	0	0	0	77%	60	39%	39%	32%	46%	39%		17	7	0	23	2.39	5.50			
Oahe Downstream	32	1	0	2	1	0	1	0	100%	1	100%	100%	100%	100%	100%		1	0	0	1	1.00	4.00			
Oglala Lakota	32	36	7	40	31	5	4	13	89%	44	37%	32%	23%	42%	37%		15	1	0	16	1.94	5.42			
Pennington-East	32	105	30	200	83	14	16	49	88%	132	48%	48%	41%	55%	48%		59	3	0	63	2.15	5.49			
Perkins	35	74	18	100	52	9	8	26	70%	156	27%	39%	30%	48%	37%	17%	39	3	0	42	2.47	4.56			
Sanborn	32	19	14	20	19	0	0	1	89%	20	11%	12%	10%	18%	11%		2	0	0	2	1.76	3.78			
Stanley	32	43	32	40	39	5	4	4	91%	43	28%	28%	25%	33%	28%		9	3	0	12	2.44	4.92			
Todd	32	47	15	75	40	6	6	23	83%	63	26%	29%	18%	40%	26%		14	2	0	16	1.29	5.45			
Tripp	32	355	175	400	302	60	32	127	85%	429	43%	42%	37%	47%	43%		169	15	0	184	1.88	5.49			
Turner	32	20	30	20	20	0	0	0	95%	20	26%	26%	25%	30%	26%		5	0	0	5	1.32	5.92			
Union	32	120	174	120	120	0	0	0	82%	120	40%	40%	36%	44%	40%		44	4	0	48	2.64	5.53			
Yankton	32	230	259	230	230	0	0	0	80%	230	51%	51%	46%	56%	51%		99	18	0	117	2.41	5.70			
Totals		5,969	4,529	6,352	5,364	718	304	1,146	80%	7,287	37.5%						2,419	305	9	2,733	2.18	5.49			
Response rate for all units combined was																						80.2%			
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																									
* Number of 1st drawing applicants with that season as 1st choice.																									

Spring Firearm Prairie Turkey 1985-2018



SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available and 4,567 licenses were issued for the 2018 Spring Black Hills Turkey season (3,022 residents, 1,545 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 792 (19% of hunters) and the response rate was 78%. Surveys were sent via email and regular mail. The reported success rate was 32% and the projected harvest was 1,441 male turkeys.

The season was open from April 14 through May 20 and hunters averaged 3.38 days of hunting for a projected total of 14,446 days of recreation.

Resident hunters purchased 410 licenses for the BH2 unit, where tags were only valid May 1-20. Of those, 117 did not have a unit BH1 license; therefore, only 293 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 19%.

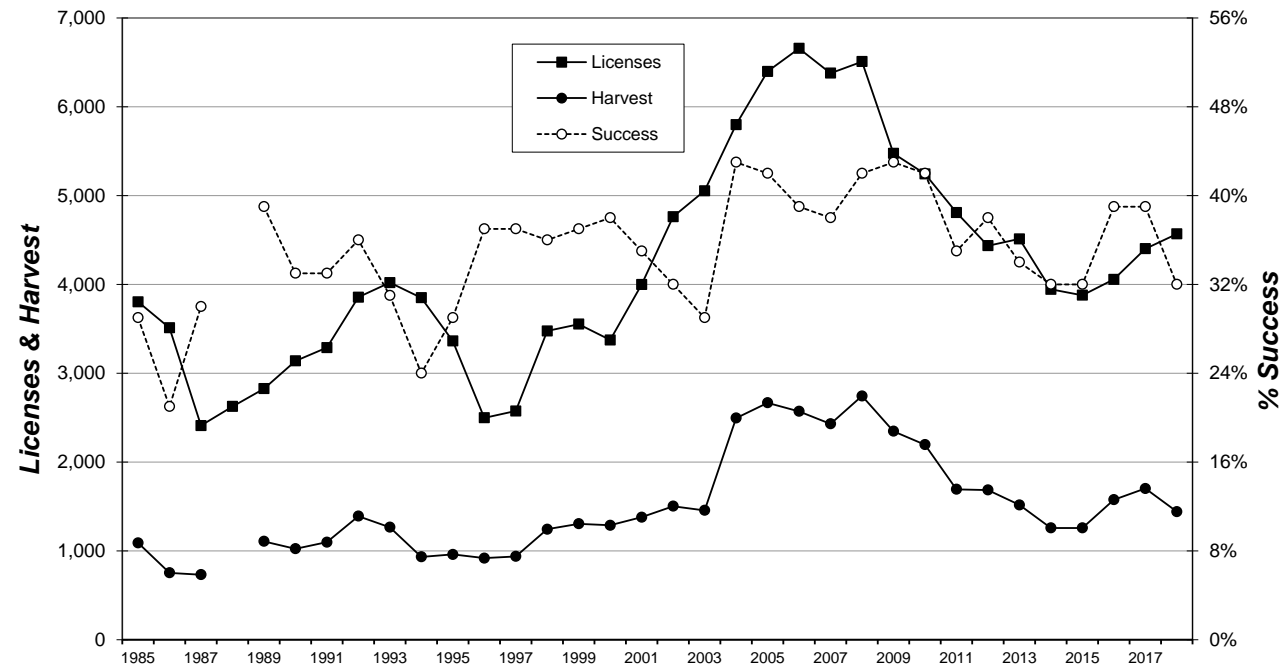
Comparison of the 2009-2018 Spring Black Hills Turkey Seasons

Year	Licenses Issued	Harvest	Avg Days Hunted	Tag Success	Average Satisfaction
2009	5,474	2,346	3.46	43%	5.69
2010	5,244	2,195	3.97	42%	5.36
2011	4,808	1,693	3.53	35%	5.28
2012	4,435	1,685	3.63	38%	5.31
2013	4,512	1,517	3.18	34%	5.08
2014	3,944	1,258	3.19	32%	4.99
2015	3,877	1,258	3.44	32%	4.89
2016	4,056	1,575	3.38	39%	5.21
2017	4,401	1,701	3.48	39%	5.30
2018	4,567	1,441	3.38	32%	5.15

2018 Spring Black Hills Turkey Harvest Projections

Last Revised: 08/27/2018		Licenses				Response Rate	Tag Success	Hunter Success	LCI	UCI	Harvest Estimate			Ave. Days Hunted	Avg Satsfctn
Unit/Type	Avail.	Sold	Avail.	Sold	Hunters						Toms	Jakes	Total		
BH1-32	Unlim	2,612	Unlim	1,545	4,274	77.90%	32%	33%	29%	36%	1,337	104	1,441	3.38	5.15
BH2-32	Unlim	410	0	0											
		3,022		1,545											
Response rate for the season was 77.9%															
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.															
293 hunters had licenses for both BH1 and BH2 units															

Black Hills Spring Turkey 1985-2018



SPRING ARCHERY TURKEY

There were 2,914 resident and 350 nonresident licenses sold for a total of 3,264 licensed spring archery turkey hunters in 2018.

To obtain harvest estimates, 43% of the license holders were surveyed for a sample size of 1,389. The response rate was 73%. Surveys were sent via email and regular mail.

The projected harvest based on survey responses was 719 male turkeys, a decrease of 21% from 2017. The harvest success rate was 22%. The season was open from April 7 through May 20 and the projected total number of days hunted was 11,196, an average of 3.43 days per hunter.

The five units with the highest reported harvest were Gregory, Day/Codington, Union, Marshall/Roberts, and Minnehaha.

Comparison of the 2009-2018 Spring Archery Turkey Seasons

Year	Licenses Sold		Male Harvest	Success	Avg Days Hunted	Satisfaction
	Resident	Nonresident				
2009	2,124	443	844	33%	4.42	5.51
2010	2,085	463	780	31%	4.28	5.41
2011	2,243	478	686	25%	3.91	5.37
2012	2,137	418	739	29%	3.57	5.48
2013	2,390	440	641	23%	3.42	5.12
2014	2,335	387	695	26%	3.41	5.17
2015	2,604	315	790	27%	3.59	5.36
2016	2,844	358	885	28%	3.90	5.39
2017	2,925	373	912	28%	3.87	5.47
2018	2,914	350	719	22%	3.43	5.33

2018 Spring Archery Turkey Harvest Projections

Last Revised:

08/27/2018

Last Revised:													
Licenses													
08/27/2018													
Unit/Type	Resident		Nonresident		Response	Tag	LCI	UCI	Harvest Estimate			Ave. Days	Avg
	Avail.	Sold	Avail.	Sold					Toms	Jakes	Total		
ST1-32	Unlim	2,914	Unlim	350	72.6%	22%	20%	24%	615	104	719	3.43	5.33

Response rate for the season was **72.6%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2018 Spring Archery Turkey Harvest Distribution

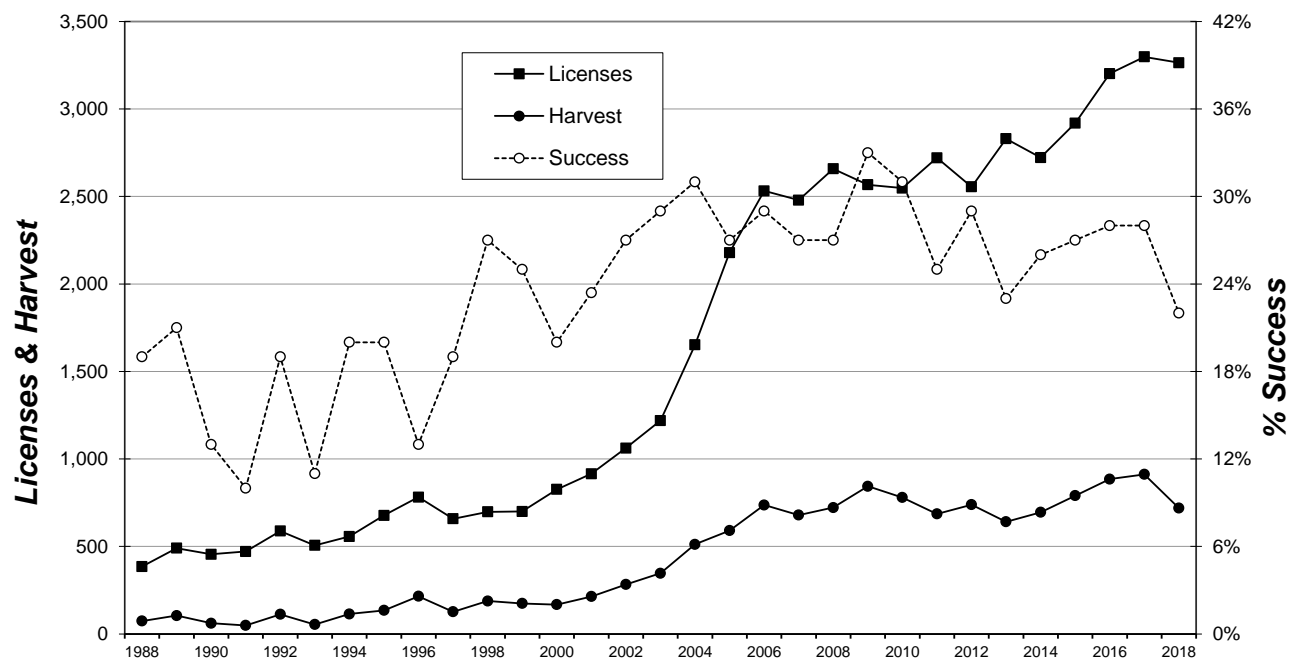
Last Revised:
27-Aug-18

County	Reported Harvest			Projected Harvest			
	Males			Males			
	Toms	Jakes	Total	Toms	Jakes	Total	%
01A (Minnehaha)	12	0	12	39	0	39	5.5%
02A (Pennington-East)	7	2	9	23	7	30	4.2%
06A (Brookings)	6	0	6	20	0	20	2.7%
07A (Yankton)	8	2	10	26	7	33	4.6%
08A (Davison/Hanson)	2	1	3	7	3	10	1.4%
11A (Bennett)	1	0	1	3	0	3	0.5%
12A (Bon Homme)	5	1	6	16	3	20	2.8%
13A (Brule)	6	1	7	20	3	23	3.2%
15A (Butte/Lawrence)	3	0	3	10	0	10	1.4%
16A (Campbell/Walworth)	1	0	1	3	0	3	0.5%
17A (Charles Mix/Douglas)	5	0	5	16	0	16	2.3%
19A (Clay)	8	2	10	26	7	33	4.6%
20A (Corson)	1	0	1	3	0	3	0.5%
21A (Custer/Penn-Mid)	8	1	9	26	3	30	4.1%
22A (Day/Codington)	15	1	16	49	3	53	7.3%
23A (Deuel)	2	1	3	7	3	10	1.4%
24A (Dewey/Ziebach)	0	1	1	0	3	3	0.5%
27A (Fall River)	5	0	5	16	0	16	2.3%
29A (Grant)	10	0	10	33	0	33	4.6%
30A (Gregory)	21	7	28	69	24	93	13.0%
31A (Haakon)	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0.0%
35A (Harding)	0	0	0	0	0	0	0.0%
36A (Hughes)	1	0	1	3	0	3	0.5%
37A (Hutchinson)	2	0	2	7	0	7	0.9%
39A (Jackson)	2	0	2	7	0	7	0.9%
40A (Jerauld)	0	0	0	0	0	0	0.0%
41A (Jones)	1	1	2	3	3	7	0.9%
44A (Lincoln)	9	1	10	30	3	33	4.6%
45A (Lyman)	2	1	3	7	3	10	1.4%
48A (Marshall/Roberts)	12	2	14	39	7	46	6.5%
49A (Meade/Pennington)	10	1	11	33	3	36	5.1%
50A (Mellette)	2	0	2	7	0	7	0.9%
52A (Moody)	1	1	2	3	3	7	0.9%
53A (Perkins)	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0.0%
58A (Stanley)	0	1	1	0	3	3	0.5%
60A (Tripp)	2	1	3	7	3	10	1.4%
61A (Turner)	1	1	2	3	3	7	0.9%
62A (Union)	12	0	12	39	0	39	5.5%
65A (Oglala Lakota)	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	4	0	4	13	0	13	1.8%
Unknown	3	2	5				
TOTALS	190	32	222	615	104	719	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.

Use these figures for approximations only!

Spring Archery Turkey 1988-2018



MENTORED SPRING TURKEY

There were 735 Mentored Spring Turkey licenses sold in South Dakota for the 2018 season. All were single tag licenses valid for a male turkey. All mentors/hunters were surveyed and 392 responses (59%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The 2018 spring season ran from April 7 through May 20. Respondents reported hunting an average of 2.32 days, which projected to a total of 1,705 recreation days for the season.

An estimated 261 male turkeys were harvested, resulting in a success rate for this season of 35%. The mean satisfaction score reported by hunters/mentors was 5.82 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The six units with the highest reported harvest were the Black Hills, Gregory, Grant, Deuel, Charles Mix/Douglas, and Day/Codington.

Summary of the 2009-2018 Spring Mentored Youth Turkey Seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Males	Hens	Total	%Success	Hunted	Satisfaction
2009	422	171	0	171	41%	2.88	5.81
2010	535	228	0	228	43%	3.14	5.83
2011	601	210	0	210	35%	2.60	5.63
2012	559	205	0	205	37%	2.36	5.75
2013	642	190	2	192	30%	2.32	5.71
2014	679	211	0	211	31%	2.30	5.54
2015	654	205	0	205	31%	2.41	5.70
2016	734	277	0	277	38%	2.68	5.78
2017	799	310	0	310	39%	2.70	5.85
2018	735	261	0	261	35%	2.32	5.82

2018 Mentored Spring Turkey Harvest Projection

Last Revised:

27-Aug-18

Licenses		Response	Unit	Harvest Projections				Average Days Hunted	Mean Satisfctn Score	
Resident	Rate			Success	Total					
Avail.					Sold	Toms	Jakes			Hens
Unit/Type	Avail.	Sold	Rate	Success	Toms	Jakes	Hens	Harvest	Hunted	Score
ST1-32	Unlim	735	59%	35%	206	54	0	261	2.32	5.82

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2018 Spring Ment Youth Turkey Harvest Distribution

Last Revised:
27-Aug-18

County	Reported Harvest				Projected Harvest				%
	Toms	Jakes	Hens	Total	Toms	Jakes	Hens	Total	
01A (Minnehaha)	7	3	0	10	13	6	0	19	7.2%
02A (Pennington-East)	2	1	0	3	4	2	0	6	2.2%
06A (Brookings)	2	0	0	2	4	0	0	4	1.5%
07A (Yankton)	6	0	0	6	11	0	0	11	4.4%
08A (Davison/Hanson)	5	2	0	7	9	4	0	13	5.1%
11A (Bennett)	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	3	0	0	3	6	0	0	6	2.2%
13A (Brule)	1	0	0	1	2	0	0	2	0.7%
15A (Butte/Lawrence)	3	1	0	4	6	2	0	8	2.9%
16A (Campbell/Walworth)	0	0	0	0	0	0	0	0	0.0%
17A (Charles Mix/Douglas)	7	1	0	8	13	2	0	15	5.8%
19A (Clay)	3	0	0	3	6	0	0	6	2.2%
20A (Corson)	0	0	0	0	0	0	0	0	0.0%
21A (Custer/Penn-Mid)	3	1	0	4	6	2	0	8	2.9%
22A (Day/Codington)	8	3	0	11	15	6	0	21	8.0%
23A (Deuel)	4	4	0	8	8	8	0	15	5.8%
24A (Dewey/Ziebach)	3	0	0	3	6	0	0	6	2.2%
27A (Fall River)	0	0	0	0	0	0	0	0	0.0%
29A (Grant)	5	3	0	8	9	6	0	15	5.8%
30A (Gregory)	4	0	0	4	8	0	0	8	2.9%
31A (Haakon)	1	0	0	1	2	0	0	2	0.7%
32A (Hamlin)	0	0	0	0	0	0	0	0	0.0%
35A (Harding)	4	0	0	4	8	0	0	8	2.9%
36A (Hughes)	1	0	0	1	2	0	0	2	0.7%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0.0%
39A (Jackson)	1	0	0	1	2	0	0	2	0.7%
40A (Jerauld)	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	1	0	0	1	2	0	0	2	0.7%
44A (Lincoln)	4	1	0	5	8	2	0	9	3.6%
45A (Lyman)	6	0	0	6	11	0	0	11	4.4%
48A (Marshall/Roberts)	4	2	0	6	8	4	0	11	4.3%
49A (Meade/Pennington)	4	0	0	4	8	0	0	8	2.9%
50A (Mellette)	3	0	0	3	6	0	0	6	2.2%
52A (Moody)	1	1	0	2	2	2	0	4	1.4%
53A (Perkins)	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	2	0	0	2	4	0	0	4	1.5%
61A (Turner)	2	1	0	3	4	2	0	6	2.2%
62A (Union)	2	2	0	4	4	4	0	8	2.9%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	7	3	0	10	13	6	0	19	7.2%
Unknown	1	0	0	1					
TOTALS	110	29	0	139	206	54	0	261	

Any by unit projected values will differ from by statewide projected values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

SPRING CUSTER STATE PARK TURKEY

In 2018, 621 hunters applied for the 100 resident licenses available for the Spring Custer State Park Turkey season, which was open from April 14 through May 20. All licenses consisted of single tags for male turkeys only.

All hunters were surveyed and 89 responded for a response rate of 89%. Surveys were sent via email and regular mail. The reported success rate was 43% and the projected harvest was 43 male turkeys. Hunters averaged 2.21 days of hunting for a projected total of 221 days of recreation for the season.

Summary comparison of the 2009-2018 Custer State Park Spring Turkey seasons

Year	Licenses Sold	Harvest	Success	Avg. Days Hunted	Average Satisfaction
2009	135	80	59%	2.20	NA
2010	135	78	58%	2.10	NA
2011	135	59	44%	3.00	NA
2012	135	64	47%	2.24	5.57
2013	135	57	43%	2.18	5.77
2014	135	78	58%	2.71	5.56
2015	135	50	37%	2.56	4.83
2016	100	49	49%	2.08	6.05
2017	100	58	58%	1.88	6.29
2018	100	43	43%	2.21	5.33

2018 Custer State Park Spring Turkey Harvest

Last Revised:
27-Aug-18

Unit/Type	Appl. 1st Choice *	Licenses Resident		Response Rate	Unit Success	LCI	UCI	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Avail.	Sold					Toms	Jakes	Total Harvest		
CU1-32	621	100	100	89%	43%	39%	46%	39	3	43	2.21	5.33

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

FALL PRAIRIE TURKEY

There were 548 licenses (529 resident, 19 nonresident) sold for the 2018 South Dakota Fall Prairie Turkey season for a total of 548 tags. All tags were valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All hunters were surveyed and 412 responded for a 78% response rate. Approximately 72% of responding hunters used the Internet to respond. Respondents reported hunting an average of 2.18 days, which projected to a total of 1,175 recreation days for the season.

Harvest projections indicated 142 males were taken along with 52 hens for a total of 194 turkeys. The estimated success rate for the season was 35%.

The mean satisfaction score reported by hunters was 5.09 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2009-2018 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Males	Hens	Total	% Success	Hunted	Satisfactn
2009	5,876	10,191	2,335	2,002	4,337	43%	2.92	5.22
2010	5,995	11,276	3,019	2,419	5,438	48%	2.87	5.36
2011	5,649	10,662	2,497	1,838	4,335	41%	3.15	5.13
2012	5,527	9,510	2,001	1,335	3,337	35%	2.91	5.12
2013	5,066	8,638	1,180	721	1,901	22%	2.68	4.76
2014	1,910	1,960	422	224	645	33%	2.26	4.91
2015	1,936	1,986	422	227	649	33%	2.56	4.80
2016	908	958	173	72	246	26%	2.19	4.87
2017	898	948	194	56	250	26%	2.46	4.86
2018	548	548	142	52	194	35%	2.18	5.09

2018 Fall Prairie Turkey Harvest Projections

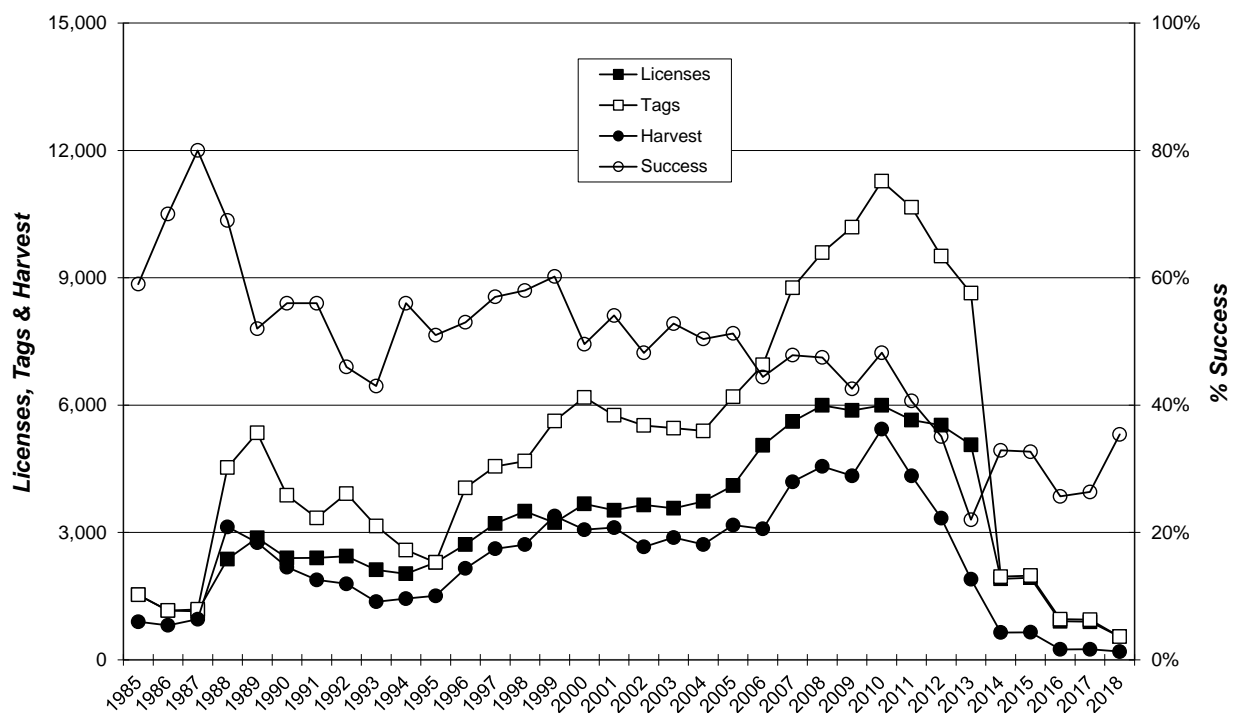
Last Revised:
29-May-19

Last Revised:		Licenses																			
29-May-19		Resident				Nonresident				Response		Tag		Harvest Projections					Avg Days		Mean Satisfctn
		Appl. 1st				Appl. 1st								Males		Hens		Total			
Unit	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score				
Gregory	160	120	150	146	20	12	16	79%	34%	29	12	7	5	3	55	1.8	4.8				
Jackson	26	12	25	27	0	2	0	85%	44%	8	0	4	0	0	12	1.7	5.9				
Marshall/Roberts	100	143	100	100	N/A	0	0	81%	38%	13	9	13	3	1	38	1.6	5.5				
Mellette	49	24	50	54	0	4	1	69%	42%	14	4	4	0	0	23	1.4	4.9				
Tripp	54	53	50	52	1	4	2	80%	30%	5	4	8	0	0	16	1.6	5.1				
Yankton	150	147	150	150	N/A	0	0	75%	33%	38	7	5	0	0	50	3.5	5.1				
Totals		539	417	525	529	21	22	19	77.6%	35.4%	107	35	40	8	4	194	2.18	5.09			

The response rate for all units combined was: **78%**

* Number of 1st drawing applicants with that season as 1st choice.

Fall Prairie Turkey 1985-2018



FALL BLACK HILLS TURKEY

There were 220 Fall Black Hills Turkey licenses (204 resident, 16 nonresident) sold in South Dakota for the 2018 season. All were single tag licenses valid for either a tom or a hen. The fall season ran from November 1 through January 31.

Of the 220 license-holders that were surveyed, 163 responded for a 75% response rate. Approximately 72% of responding hunters used the Internet to do so. Respondents reported hunting an average of 2.74 days, which projected to a total of 603 recreation days for the season.

An estimated 27 males were harvested along with 26 hens, a total of 54 turkeys. The overall estimated success rate for the season was 25%.

The mean satisfaction score reported by hunters was 4.85 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2009-2018 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Males	Hens	Total	%Success	Hunted	Satisfaction
2009	3,506	140	658	711	1,369	38%	3.77	4.78
2010	3,198	114	907	646	1,553	47%	3.05	5.22
2011	2,977	121	537	513	1,050	34%	3.89	4.85
2012	2,075	90	457	470	927	43%	3.39	4.95
2013	1,546	81	185	188	373	23%	2.81	4.57
2014	764	46	100	114	215	27%	3.24	4.54
2015	406	27	66	62	127	29%	3.44	4.58
2016	408	26	91	55	147	34%	2.79	4.85
2017	415	18	87	52	139	32%	3.82	4.88
2018	204	16	27	26	54	25%	2.74	4.85

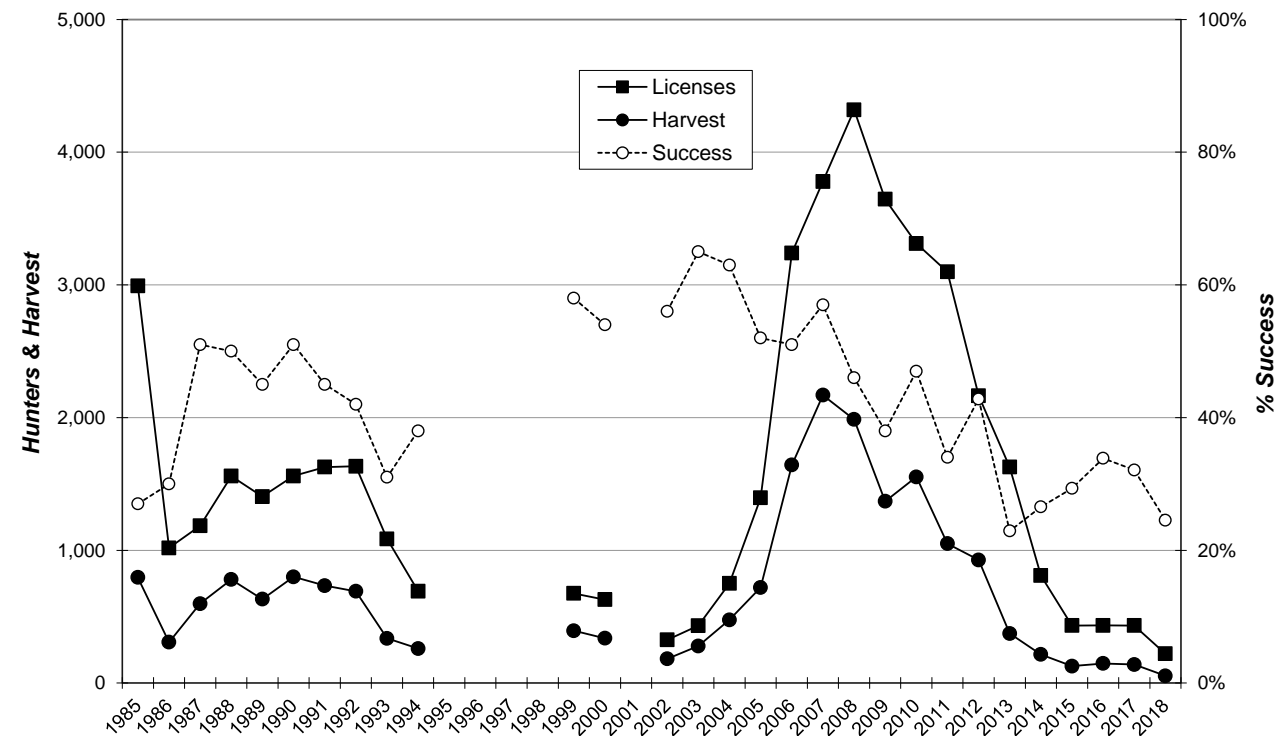
2018 Fall Black Hills Turkey Harvest Projections

Last Revised:		Licenses																	
29-May-19		Resident				Nonresident						Harvest Projections						Average	Mean
Unit/Type	Hunters	Appl. 1st			Appl. 1st			Response	Tag	Males			Hens			Total	Days	Satisfctn	
		Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Hunted				Score
BH1-31	220	276	200	204	12	16	16	75%	25%	19	9	18	4	4	54	2.74	4.85		

* Number of 1st drawing applicants with that season as 1st choice.

* Number of 1st drawing applicants with that season as 1st choice.

Black Hills Fall Turkey 1985-2018



FALL MENTORED YOUTH TURKEY

There were 521 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2018 season. All were single tag licenses valid for either a tom or a hen. All 521 mentors/hunters were surveyed and 352 responses (68%) were received. Approximately 67% of responding mentors/hunters used the Internet to respond.

The fall season ran from November 1 through January 31. Respondents reported hunting an average of 1.67 days, which projects to a total of 870 recreation days for the season.

An estimated 68 males were harvested along with 27 hens, a total of 96 turkeys (difference due to rounding error). The reported success rate for this season was 18%. The mean satisfaction score reported by hunters/mentors was 5.35 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The four management units with the highest reported harvest were the Black Hills, Charles Mix/Douglas, Yankton, and Marshall/Roberts. Eighteen surveys were received indicating turkeys harvested in units that were closed to fall hunting.

Summary comparison of the 2009-2018 Fall Mentored Youth Turkey seasons

YEAR	Licenses	HARVEST				Avg Days	Average Satisfaction
	Sold	Males	Hens	Total	%Success	Hunted	
2009	353	65	45	110	31%	2.63	5.55
2010	423	88	68	156	37%	1.91	5.59
2011	442	65	51	116	26%	2.24	5.34
2012	529	89	61	149	28%	2.33	5.56
2013	520	57	35	92	18%	2.02	5.41
2014	390	46	29	75	19%	1.72	5.19
2015	370	58	39	98	21%	1.87	5.17
2016	429	62	21	84	20%	1.55	5.48
2017	453	60	22	83	18%	1.87	5.34
2018	521	68	27	96	18%	1.67	5.35

2018 Fall Mentored Youth Turkey Harvest Projections

Last Revised:
29-May-19

Unit/Type		Licenses		Response Rate	Tag Success	Harvest Projections					Average	Mean		
		Resident				Males		Hens			Total	Days	Satisfctn	
		Avail.	Sold			Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score	
ST1-31		521	Unlim	521	68%	18%	43	25	19	4	4	96	1.67	5.35

2018 Fall Mentored Youth Turkey Harvest Distribution

Last Revised:
30-May-19

	Reported Harvest							Projected Harvest							
	Males			Females					Males			Females			
County	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	%
01A (Minnehaha)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
02A (Pennington-East)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
06A (Brookings)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
07A (Yankton)	1	2	2	0		0	5	2	3	3	0	0		8	8.1%
08AB (Davison/Hanson)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
11A (Bennett)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
12A (Bon Homme)	2	0	0	0		0	2	4	0	0	0	0		4	3.9%
13A (Brule)	1	1	0	0		0	2	2	1	0	0	0		3	3.5%
15A (Butte/Lawrence)	1	0	1	0		0	2	2	0	1	0	0		3	3.5%
17A (Charles Mix/Douglas)	3	0	0	2		0	5	6	0	0	3	0		9	8.9%
19AB (Clay)	0	1	0	0		0	1	0	1	0	0	0		1	1.5%
20A (Corson)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
21A (Custer/Penn-Mid)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
22A (Day/Codington)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
23A (Deuel)	0	1	0	0		0	1	0	1	0	0	0		1	1.5%
24A (Dewey)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
27A (Fall River)	0	0	0	0		1	1	0	0	0	0	2		2	2.3%
29A (Grant)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
30A (Gregory)	1	0	0	0		0	1	2	0	0	0	0		2	1.9%
31A (Haakon)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
32A (Hamlin)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
35A (Harding)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
36A (Hughes)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
37A (Hutchinson)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
39A (Jackson)	0	1	0	0		0	1	0	1	0	0	0		1	1.5%
40A (Jerauld)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
41A (Jones)	1	0	0	0		0	1	2	0	0	0	0		2	1.9%
44AB (Lincoln)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
45A (Lyman)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
48A (Marshall/Roberts)	4	2	0	0		0	6	7	3	0	0	0		10	10.8%
49A (Meade/Pennington)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
50A (Mellette)	1	0	0	0		0	1	2	0	0	0	0		2	1.9%
52A (Moody)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
53A (Perkins)	0	0	1	0		0	1	0	0	1	0	0		1	1.5%
56A (Sanborn)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
58A (Stanley)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
60A (Tripp)	0	1	0	0		0	1	0	1	0	0	0		1	1.5%
61A (Turner)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
62AB (Union)	2	0	0	0		0	2	4	0	0	0	0		4	3.9%
65A (Shannon)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
67A (Todd)	0	0	0	0		0	0	0	0	0	0	0		0	0.0%
BH1 (Black Hills)	6	8	9	1		1	25	11	12	13	1	2		40	41.6%
Unknown	6	0	0	0		1	7								
TOTALS	29	17	13	3		3	65	43	25	19	4	4		96	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

ARCHERY ANTELOPE

There were 2,202 single-tag archery antelope licenses issued in 2018 (1,632 resident and 570 nonresident). The archery season ran from August 18 through October 31, except when and where a state firearm antelope season was open. All license holders were surveyed and the response rate was 70%, with 73% of those responding through the Internet.

The overall success rate for the archery season was estimated to be 27%, with 519 bucks, 46 does, 10 buck-kids, and 10 doe-kids harvested. Of the 25 management units where antelope were reported harvested, the Harding County and Butte County units accounted for over 62% of all harvest.

Average hunter satisfaction was 5.43 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2018 Archery Antelope Harvest Projections

Last Revised: 1/9/2019

Last Revised: 1/9/2019								Harvest Projections					Avg	Avg
Unit/Type	Resident		Nonres		Tags	Response	Unit	Buck Doe Total				Satisfactn	Days	
	Avail.	Sold	Avail.	Sold	sold	Rate	Success	Bucks	Does	Kids	Kids	Harvest	Rating	Hunted
ST1-41	Unlmtd	1,632	Unlmtd	570	2,202	70%	27%	519	46	10	10	585	5.43	4.17
Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.														

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Harvest summaries for the 2009-2018 Archery Antelope seasons

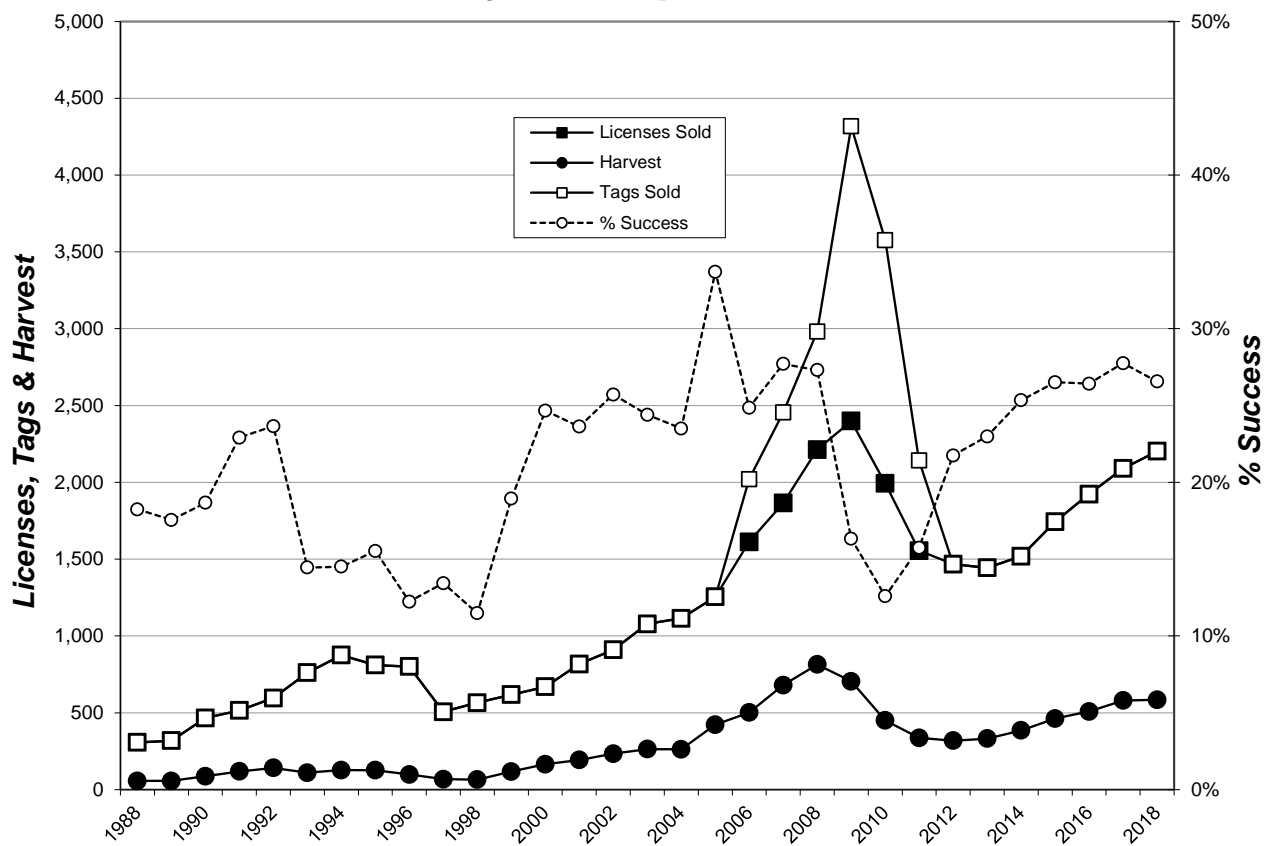
YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2009	1,713	686	516	189	16%	4.47	4.75
2010	1,490	503	363	87	13%	4.13	4.63
2011	1,246	309	281	56	16%	4.18	4.48
2012	1,212	255	297	22	22%	3.80	4.74
2013	1,164	280	292	38	23%	3.77	4.97
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33
2017	1,569	521	529	52	28%	4.00	5.44
2018	1,632	570	529	56	27%	4.17	5.43

2018 Archery Antelope Harvest by Management Unit

Unit/County	Reported Harvest					Projected Harvest					
	Adults		Fawns		Total	Adults		Fawns		Total	
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe	Projected	%
02A (Pennington E)	5	0	0	0	5	7	0	0	0	7	1.2%
11A (Bennett/Oglala Lakota)	1	0	0	0	1	1	0	0	0	1	0.2%
13 (Brule)	0	0	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	0	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	30	3	0	0	33	44	4	0	0	48	8.2%
15B (Butte/Lawrence)	35	3	0	0	38	51	4	0	0	55	9.5%
16 (Campbell)	0	0	1	0	1	0	0	2	0	2	0.3%
20A (Corson)	3	0	0	0	3	4	0	0	0	4	0.7%
21A (Custer E /Penn C)	5	1	0	1	7	7	1	0	1	10	1.7%
24A (Dewey)	2	0	0	0	2	3	0	0	0	3	0.5%
27A (F River/Custer SW)	24	5	0	1	30	35	7	0	1	44	7.5%
31A (Haakon)	2	0	0	0	2	3	0	0	0	3	0.5%
33 (Hand)	1	0	0	0	1	1	0	0	0	1	0.2%
35A (Harding W)	134	11	2	3	150	196	16	3	4	219	37.5%
35B (Harding E)	27	0	2	1	30	39	0	3	1	44	7.6%
36A (Hughes/Hyde)	1	0	0	0	1	1	0	0	0	1	0.2%
39A (Jackson)	3	1	0	0	4	4	1	0	0	6	1.0%
41A (Jones)	3	0	0	0	3	4	0	0	0	4	0.7%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat GrsInd)	0	0	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	20	2	0	0	22	29	3	0	0	32	5.5%
49B (Meade S)	1	0	1	0	2	1	0	2	0	3	0.5%
50A (Mellette)	1	1	0	0	2	1	1	0	0	3	0.5%
53A (Perkins N)	15	1	0	0	16	22	1	0	0	23	4.0%
53B (Perkins S)	26	3	0	1	30	38	4	0	1	44	7.5%
58A (Stanley)	3	1	0	0	4	4	1	0	0	6	1.0%
59A (Sully)	6	0	0	0	6	9	0	0	0	9	1.5%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	1	0	0	0	1	1	0	0	0	1	0.2%
64A (Ziebach)	6	0	0	0	6	9	0	0	0	9	1.5%
BH (Black Hills Pennington/Custer)	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	6	0	1	0	7						
TOTALS	361	32	7	7	407	519	46	10	10	585	

Use these figures for approximations only!

Archery Antelope 1988-2018



FIREARM ANTELOPE

A total of 5,083 licenses (4,965 resident; 118 nonresident) were available for the 2018 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 5,539 licenses were sold representing 6,078 total tags. The 2018 season was open from September 29 - October 14.

A random sample of 3,780 hunters was taken from total license sales and 2,917 surveys were returned for a 77% response rate. Approximately 72% of responses were received through the Internet.

Respondents reported hunting an average of 2.12 days each, which projects to 11,685 total recreation days for the season.

The harvest projections for the season included 2,698 adult bucks, 907 adult does, 147 buck-kids, and 93 doe-kids for a total of 3,845 antelope. The estimated overall tag success for the season was 63%.

Harvest summaries for the 2011-2018 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total			
2011	5,752	457	2,523	1,971	4,493	50%	2.18	4.54
2012	3,965	0	1,695	942	2,637	53%	2.05	4.79
2013	3,467	0	1,454	480	1,935	48%	1.76	4.72
2014	2,991	61	1,770	314	2,083	66%	1.99	5.12
2015	3,260	62	1,910	314	2,224	64%	2.08	5.23
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42
2017	5,286	146	2,692	1,093	3,784	64%	2.22	5.26
2018	5,412	127	2,845	1,000	3,845	63%	2.12	5.27

2018 Firearm Antelope Harvest Projections

Last Revised: 17-May-2019								Harvest Projections							Avg	Avg
Unit	Hunters	Residents		Nonresidents		Tags	Response	Tag	Hunter	Adults		Kids		Total	Satisf	Days
		Available	Sold	Available	Sold	Sold	Rate	Success	Success	Bucks	Does	Bucks	Does	Harvest		
Bennett/Oglala Lakota	51	50	50	1	1	51	78%	75%	75%	33	4	1	0	38	5.74	2.00
Butte NW	318	300	306	12	12	636	83%	45%	64%	152	81	36	16	285	4.66	2.52
Butte/Lawrence	619	600	607	12	12	619	76%	65%	65%	187	167	31	15	401	5.46	2.13
Corson	51	50	50	1	1	51	73%	78%	78%	39	1	0	0	40	5.62	2.19
Custer E /Penn C	130	125	127	3	3	130	80%	61%	61%	69	9	1	0	79	5.25	2.85
Dewey	41	40	40	1	1	41	80%	61%	61%	24	1	0	0	25	4.80	2.09
Fall River /Custer SW	562	550	551	11	11	562	82%	68%	68%	316	47	14	5	381	5.13	2.16
Haakon	102	100	100	2	2	102	78%	68%	68%	55	14	0	0	69	5.27	1.83
Harding E	304	300	298	6	6	304	78%	81%	80%	224	15	7	0	246	5.68	1.92
Harding W	307	300	301	6	6	307	79%	80%	79%	230	9	3	5	247	5.56	1.79
Hughes/Hyde	51	50	50	1	1	51	71%	69%	69%	34	1	0	0	35	5.47	2.39
Jackson	51	50	50	1	1	51	75%	74%	74%	38	0	0	0	38	5.43	1.55
Jones	31	30	30	1	1	31	77%	67%	67%	19	1	0	0	21	5.30	2.79
Meade N	816	800	800	16	16	816	79%	62%	62%	331	131	18	27	506	5.31	1.96
Meade S	492	500	490	20	29	519	81%	58%	59%	175	111	9	6	300	5.08	2.26
Mellette	31	30	30	1	1	31	74%	52%	52%	13	3	0	0	16	4.53	1.70
Pennington E	153	150	150	3	3	153	83%	70%	69%	83	14	8	1	107	5.05	2.40
Perkins N	153	150	150	3	3	153	86%	73%	73%	103	8	0	0	111	5.19	2.23
Perkins S	559	550	548	11	11	559	76%	73%	73%	187	197	12	12	408	5.45	1.78
Stanley	41	40	40	1	1	41	71%	55%	55%	21	1	0	0	23	5.07	2.31
Sully	31	30	30	1	1	31	81%	84%	84%	26	0	0	0	26	5.88	2.44
Walworth/Potter	21	20	20	1	1	21	62%	54%	54%	11	0	0	0	11	5.58	2.85
Ziebach	153	150	150	3	3	153	83%	76%	76%	104	13	0	0	117	5.62	2.00
Landowner Own Land	444	Unitd	444	0	0	665	62%	47%	59%	225	78	6	5	314	4.97	2.35
Totals	5,512	4,965	5,412	118	127	6,078	77.2%	63%	68%	2,698	907	147	93	3,845	5.27	2.12

The response rate for all units combined is: **77.2%**

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Firearm Antelope Harvest Projections

Last Revised: 11-Jan-2019			Residents			Nonresidents			Harvest Projections										
			Appl. 1st			Appl. 1st			Tags	Unit/Subunit	Success			Adults		Kids		Total	
Unit Description	Unit	Type	Choice *	Available	Sold	Choice *	Available	Sold	Sold	Success	1st tag	2nd tag	Bucks	Does	Bucks	Does	Harvest	CI (95%)	
Pennington E	02A	41	328	150	150	15	3	3	153	70%	70%		83	14	8	1	107	+/-5	
Bennett/Oglala Lakota	11A	41	88	50	50	5	1	1	51	75%	75%		33	4	1	0	38	+/-3	
Butte NW	15A	48	746	300	306	85	12	12	636	45%	51%	39%	152	81	36	16	285	+/-27	
Butte/Lawrence	15B	41	866	300	307	47	6	6	313	67%	67%		185	22	7	0	209	+/-20	
	15B	43	34	300	300	8	6	6	306	63%	63%		3	145	24	15	192	+/-21	
Corson	20A	41	154	50	50	5	1	1	51	78%	78%		39	1	0	0	40	+/-3	
Custer E /Penn C	21A	41	306	125	127	10	3	3	130	61%	61%		69	9	1	0	79	+/-5	
Dewey	24A	41	85	40	40	6	1	1	41	61%	61%		24	1	0	0	25	+/-3	
F River/Custer SW	27A	41	1,497	550	551	83	11	11	562	68%	68%		316	47	14	5	381	+/-24	
Haakon	31A	41	136	100	100	6	2	2	102	68%	68%		55	14	0	0	69	+/-5	
Harding W	35A	41	843	300	301	115	6	6	307	80%	80%		230	9	3	5	247	+/-11	
Harding E	35B	41	566	300	298	78	6	6	304	81%	81%		224	15	7	0	246	+/-11	
Hughes/Hyde	36A	41	140	50	50	2	1	1	51	69%	69%		34	1	0	0	35	+/-4	
Jackson	39A	41	171	50	50	7	1	1	51	74%	74%		38	0	0	0	38	+/-3	
Jones	41A	41	63	30	30	6	1	1	31	67%	67%		19	1	0	0	21	+/-3	
Meade N	49A	41	906	500	500	62	10	10	510	69%	69%		324	23	6	3	351	+/-28	
	49A	43	11	300	300	15	6	6	306	51%	51%		6	108	12	24	155	+/-25	
Meade S	49B	41	425	300	300	25	12	12	312	63%	63%		175	11	9	2	197	+/-18	
	49B	43	5	200	190	4	8	17	207	50%	50%		0	100	0	4	103	+/-17	
Mellette	50A	41	52	30	30	5	1	1	31	52%	52%		13	3	0	0	16	+/-3	
Perkins N	53A	41	306	150	150	46	3	3	153	73%	73%		103	8	0	0	111	+/-4	
Perkins S	53B	41	610	250	249	45	5	5	254	79%	79%		187	5	0	0	200	+/-16	
	53B	43	12	300	299	9	6	6	305	68%	68%		0	192	12	12	208	+/-18	
Stanley	58A	41	99	40	40	2	1	1	41	55%	55%		21	1	0	0	23	+/-4	
Sully	59A	41	101	30	30	5	1	1	31	84%	84%		26	0	0	0	26	+/-2	
Walworth/Potter	63A	41	85	20	20	2	1	1	21	54%	54%		11	0	0	0	11	+/-3	
Ziebach	64A	41	182	150	150	12	3	3	153	76%	76%		104	13	0	0	117	+/-4	
Landowner Own Land	ST1	41	NA	Unltd	223	NA	0	0	223	54%	54%		114	10	0	0	121	+/-10	
	ST1	48	NA	Unltd	221	NA	0	0	442	44%	57%	33%	111	68	6	5	193	+/-26	
Totals			8,817	4,965	5,412	710	118	127	6,078	63%				2,698	907	147	93	3,845	+/-326
* Number of 1st drawing applicants with that Unit/Type as 1st choice																			

* Number of 1st drawing applicants with that Unit/Type as 1st choice.

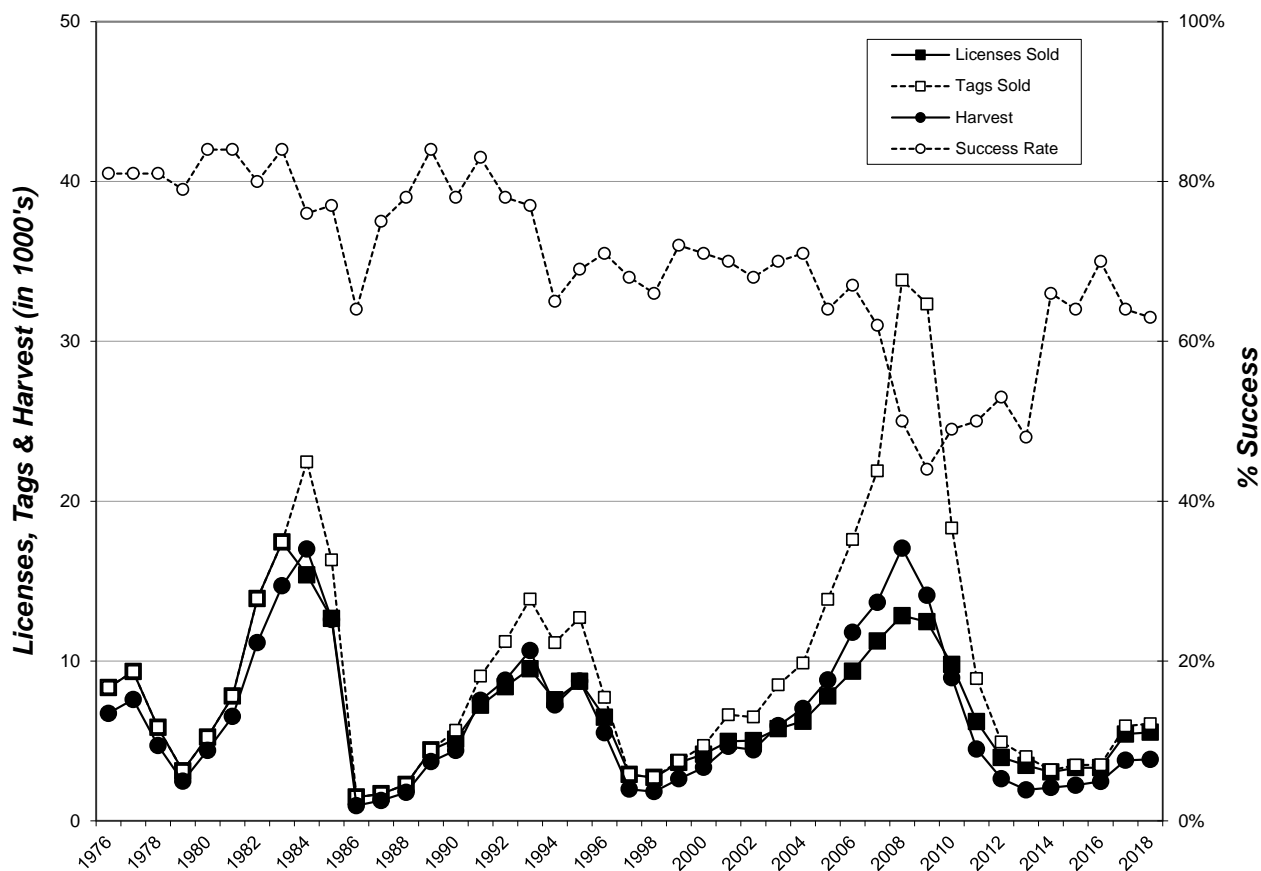
2018 Antelope LOL Harvest Distribution

Last Revised: 9-Jan-19													
Unit		Reported Harvest					Projected Harvest					Total	
		Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids	Projected	%	
Pennington E	02A	2	1	0	0	3	3	2	0	0	5	1.7%	
Bennett/Oglala Lakota	11A	3	1	0	0	4	5	2	0	0	7	2.2%	
Butte NW	15A	4	1	0	0	5	7	2	0	0	9	2.7%	
Butte/Lawrence	15B	11	6	4	1	22	19	11	6	2	38	12.0%	
Corson	20A	4	0	0	0	4	7	0	0	0	7	2.2%	
Custer E /Penn C	21A	9	3	0	1	13	15	5	0	2	22	7.1%	
Dewey	24A	4	0	0	0	4	7	0	0	0	7	2.2%	
F River/Custer SW	27A	3	0	0	0	3	5	0	0	0	5	1.6%	
Haakon	31A	4	0	0	0	4	7	0	0	0	7	2.2%	
Harding W	35A	5	3	0	0	8	9	5	0	0	14	4.4%	
Harding E	35B	7	1	0	0	8	12	2	0	0	14	4.4%	
Hughes/Hyde	36A	3	0	0	0	3	5	0	0	0	5	1.6%	
Jackson	39A	6	2	0	0	8	10	4	0	0	14	4.4%	
Jones	41A	3	1	0	0	4	5	2	0	0	7	2.2%	
Lyman	45A	0	0	0	0	0	0	0	0	0	0	0.0%	
Ft Pr Nat Grslnd	45B	0	0	0	0	0	0	0	0	0	0	0.0%	
Meade N	49A	22	3	0	0	25	38	5	0	0	43	13.7%	
Meade S	49B	8	7	0	1	16	14	13	0	2	28	8.9%	
Mellette	50A	1	0	0	0	1	2	0	0	0	2	0.5%	
Perkins N	53A	9	4	0	0	13	15	7	0	0	23	7.2%	
Perkins S	53B	10	8	0	0	18	17	14	0	0	32	10.0%	
Stanley	58A	2	0	0	0	2	3	0	0	0	3	1.1%	
Sully	59A	6	0	0	0	6	10	0	0	0	10	3.3%	
Tripp	60A	0	0	0	0	0	0	0	0	0	0	0.0%	
Walworth/Potter	63A	1	0	0	0	1	2	0	0	0	2	0.5%	
Ziebach	64A	5	2	0	0	7	9	4	0	0	12	3.9%	
Unknown		7	5	0	0	12							
TOTALS		139	48	4	3	194	225	78	6	5	314		

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

Firearm Antelope 1976-2018



MENTORED YOUTH ANTELOPE

There were 824 resident single-tag doe/kid licenses issued for the 2018 Mentored Youth Antelope hunting season. All mentors/hunters were sampled and 568 responses (69%) were received to a combination of electronic and paper surveys.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 18 through October 31, except when and where a state firearm antelope season was open. The Firearm Antelope season was open from September 29 - October 14.

Respondents reported hunting an average of 1.65 days each, which projected to 1,360 recreation days for the season.

Projections for the season estimated that 41 buck kids, 294 doe adults and 45 doe kids were harvested. The estimated total harvest for the Mentored Youth Antelope season was 380, and the overall success rate was 46%.

The six units with the highest reported harvest were Butte/Lawrence (15B), Fall River/Custer SW (27A), Harding W (35A), Harding E (35B), Perkins S (53B), and Meade N (49A).

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.50.

Summary for the 2009-2018 Mentored Youth Antelope hunting seasons

YEAR	Licenses Sold	Harvest				Success	Avg Days Hunted	Average Satisfctn
		Buck Kids	Doe		Total			
			Adults	Kids				
2009	280	12	82	14	107	38%	1.85	4.96
2010	319	16	91	14	121	38%	1.88	5.15
2011	273	17	67	3	87	32%	1.50	5.31
2012	316	15	101	11	128	40%	1.61	5.66
2013	350	14	80	14	108	31%	1.32	5.35
2014	361	16	126	22	163	45%	1.58	5.58
2015	493	32	165	32	230	47%	1.71	5.72
2016	538	28	225	14	267	50%	1.83	5.72
2017	629	36	244	26	305	49%	1.79	5.64
2018	824	41	294	45	380	46%	1.65	5.50

2018 Mentored Youth Antelope Harvest Projections

Last Revised: 10-Jan-19					Harvest Projections				Avg Satisfctn Score	Avg Days Hunted
Unit/Type	Available	Sold	Response Rate	Unit Success	Adult Does	Doe Kids	Buck Kids	Total Harvest		
ST1-43	Unlimited	824	69%	46%	294	45	41	380	5.50	1.65

Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.

2018 Mentored Antelope Harvest Distribution

Last Revised:

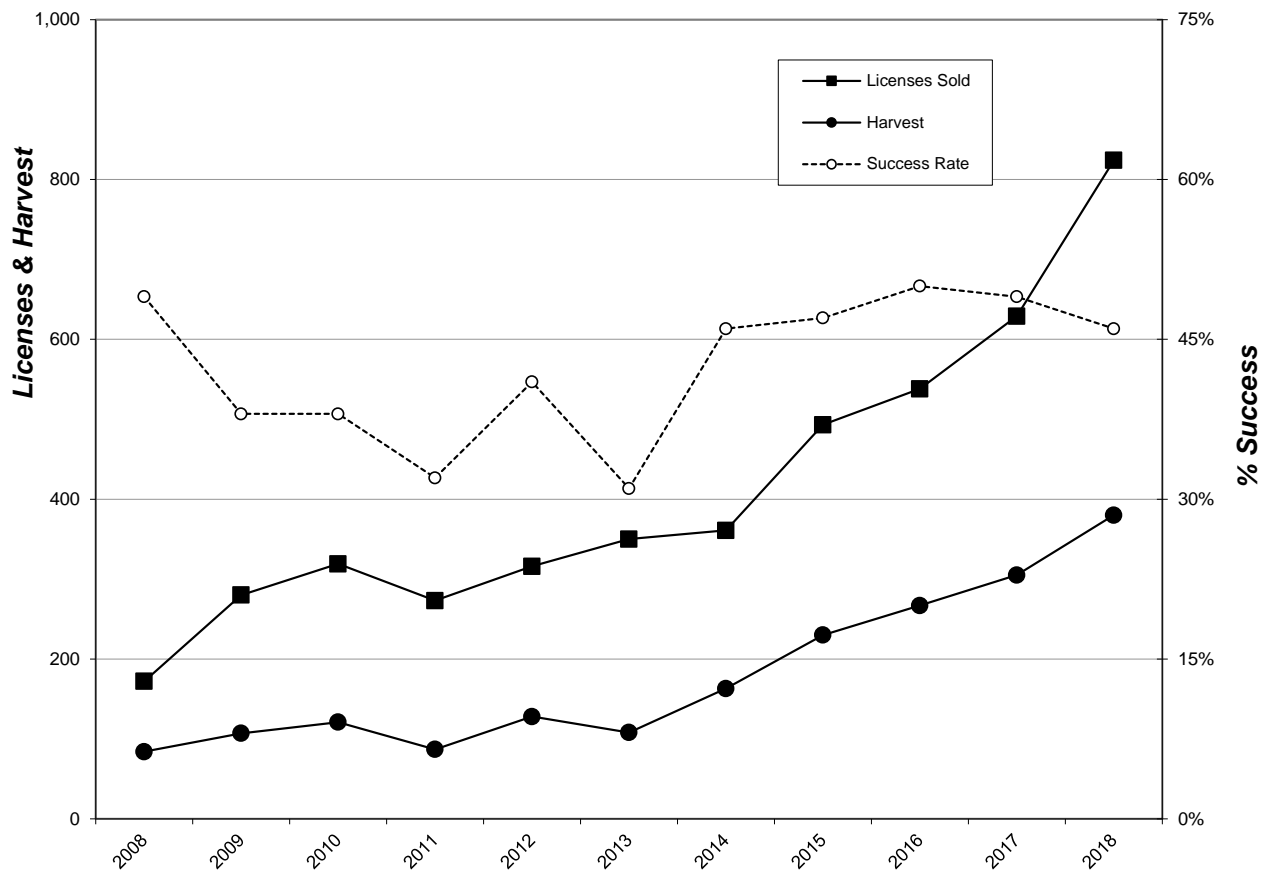
10-Jan-19

Unit	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
02A (Pennington E)	12	3	1	16	17	4	1	23	6.2%
11A (Bennett/Shannon)	4	1	0	5	6	1	0	7	1.9%
13 (Brule)	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	8	2	0	10	12	3	0	15	3.9%
15B (Butte/Lawrence)	12	3	4	19	17	4	6	28	7.3%
16 (Campbell)	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	3	0	0	3	4	0	0	4	1.2%
21A (Custer E /Penn C)	12	0	1	13	17	0	1	19	5.0%
24A (Dewey)	1	1	0	2	1	1	0	3	0.8%
27A (F River/Custer SW)	15	4	5	24	22	6	7	35	9.2%
31A (Haakon)	1	0	0	1	1	0	0	1	0.4%
33 (Hand)	0	0	0	0	0	0	0	0	0.0%
35A (Harding W)	24	3	7	34	35	4	10	50	13.1%
35B (Harding E)	17	3	1	21	25	4	1	31	8.1%
36A (Hughes/Hyde)	3	0	1	4	4	0	1	6	1.5%
39A (Jackson)	1	0	1	2	1	0	1	3	0.8%
41A (Jones)	1	1	0	2	1	1	0	3	0.8%
45A (Lyman)	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	18	3	1	22	26	4	1	32	8.5%
49B (Meade S)	17	1	0	18	25	1	0	26	6.9%
50A (Mellette)	1	0	0	1	1	0	0	1	0.4%
53A (Perkins N)	14	0	3	17	20	0	4	25	6.5%
53B (Perkins S)	23	4	2	29	34	6	3	42	11.2%
58A (Stanley)	4	0	0	4	6	0	0	6	1.5%
59A (Sully)	4	0	0	4	6	0	0	6	1.5%
60A (Tripp)	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	4	1	0	5	6	1	0	7	1.9%
64A (Ziebach)	3	0	1	4	4	0	1	6	1.5%
Unknown	1	1	0	2					
TOTALS	203	31	28	262	294	45	41	380	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

Mentored Youth Antelope 2008-2018



CUSTER STATE PARK ANTELOPE

The Custer State Park Antelope season was closed in 2018.

Summary comparison of the 2011-2018 seasons

Year	Apps	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
			Bucks	Does	Total			
2011	1,170	3	3	0	3	100%	1.3	NA
2012	916	3	3	0	3	100%	1.3	NA
2013	995	3	3	0	3	100%	1.0	NA
2014	1,086	3	3	0	3	100%	2.0	6.00
2015	1,223	3	3	0	3	100%	1.7	6.67
2016	1,243	3	3	0	3	100%	1.3	7.00
2017	Season Closed							
2018	Season Closed							

ARCHERY ELK

A total of 219 resident licenses were issued for the 2018 Archery Elk season. All license holders were sent a survey at the end of the season and 195 responded for an 89% response rate. Approximately 78% responded through the Internet.

Respondents reported hunting an average of 11.70 days for a total of 2,562 days of recreation for the season. The projected harvest was 65 bulls and 19 cows for an overall success rate of 38%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.50 for the season. Approximately 96% of responding hunters reported hunting on public land, 3% on private land they did not own, and 1% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check-in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2009-2018 Archery Elk seasons

Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2009	3,826	185	52	9	61	33%	10.29	5.52
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61
2015	4,761	196	55	12	66	34%	11.74	5.39
2016	4,965	280	57	25	82	29%	11.11	5.40
2017	4,892	269	50	20	70	26%	11.29	5.60
2018	5,006	219	65	19	84	38%	11.70	5.50

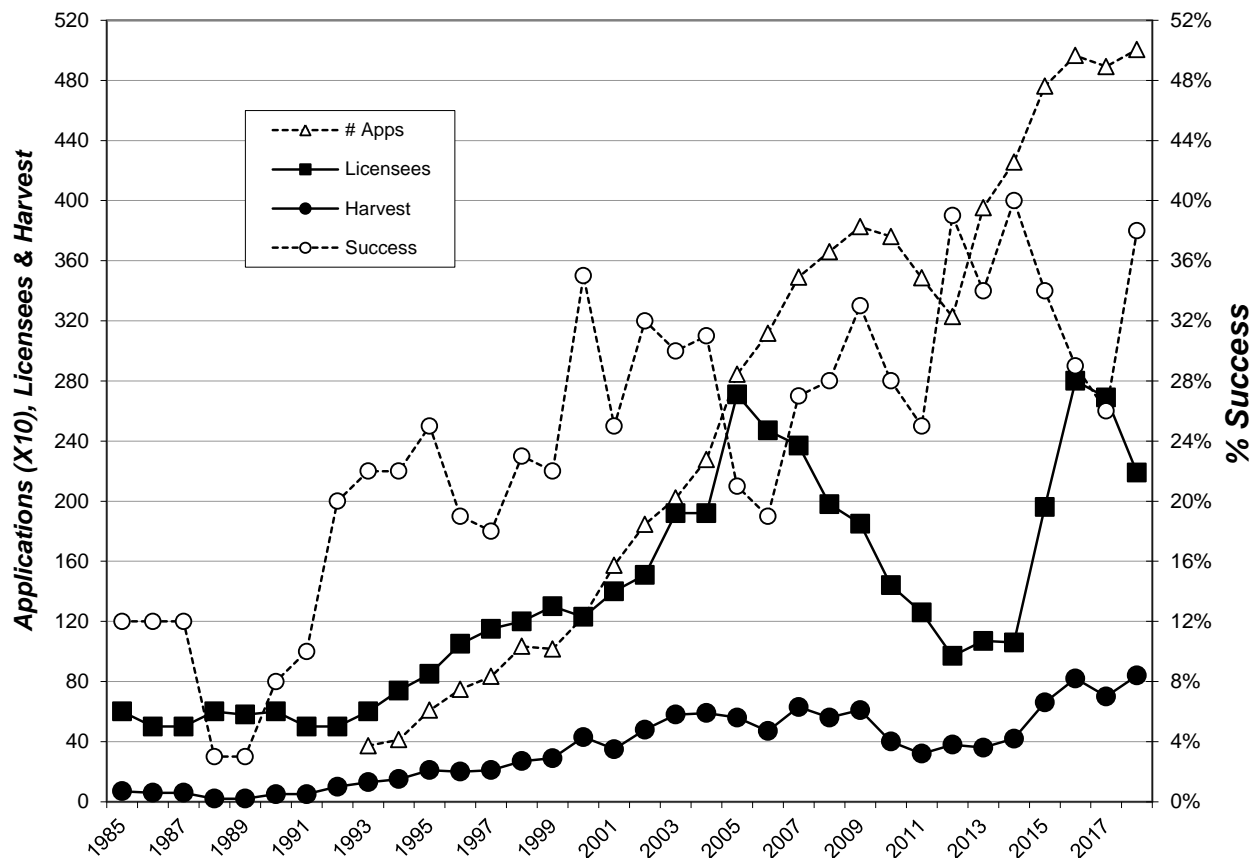
2018 Archery Elk Harvest Projections

Last Revised: 18 April 2019

Last Revised: 16 April 2019

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
Appl. 1st		Avail.	Sold	Resp.	Success	Bull		Cow		Total Elk					Public	Own	Other	
Unit/Type	Choice *					Bulls	Cows	Calves	Calves	Harvested	CI (95%)							
H1A-21	660	20	19	79%	33%	6	0	0	0	6	+/-2	8	5.9	13.0	19	0	0	
H1A-23	11	10	10	100%	40%	0	3	1	0	4	+/-0	2	5.3	10.5	10	0	0	
H2A-21	3,671	90	88	90%	57%	48	1	1	0	50	+/-3	19	5.8	13.3	87	1	0	
H2A-23	42	50	50	92%	27%	0	12	0	1	13	+/-2	6	5.4	9.2	47	0	0	
H3A-21	446	25	25	92%	26%	7	0	0	0	7	+/-1	2	5.3	12.9	18	1	4	
H3A-23	10	20	20	85%	6%	0	1	0	0	1	+/-1	5	5.3	7.4	15	0	2	
H5A-21	40	2	2	100%	0%	0	0	0	0	0	+/-0	0	1.5	22.5	2	0	0	
H7A-21	126	5	5	80%	50%	3	0	0	0	3	+/-1	0	4.3	13.0	5	0	0	
Totals	5,006	222	219	89.4%	38.4%	63	18	2	1	84	+/- 10	41	5.50	11.70	203	2	7	
The response rate for all units combined is:					89.4%											96%	1%	3%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		

Archery Elk 1985-2018



BLACK HILLS FIREARM ELK

A total of 1,124 licenses were issued for the 2018 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 987 responded for an 88% response rate. Approximately 80% responded through the Internet.

Respondents reported hunting an average of 5.08 days which projects to a total of 5,710 days of recreation for the season. The projected harvest was 315 bulls and 402 cows for an overall success rate of 64%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.36 for the season. Approximately 86% of responding hunters reported hunting on public land, 9% on private land they did not own, and 5% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2009-2018 Black Hills Firearm Elk seasons

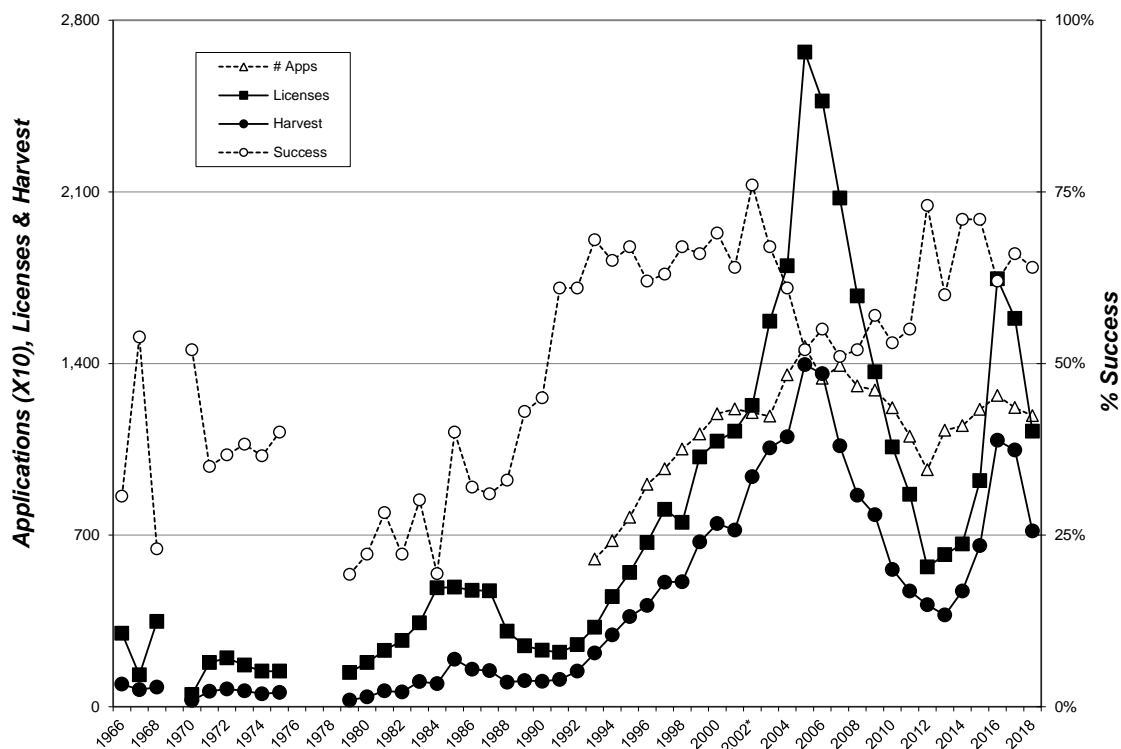
Year	# Apps 1st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2009	12,915	1,366	404	379	783	57%	6.38	4.70
2010	12,197	1,059	300	260	560	53%	6.64	4.47
2011	11,031	866	299	173	472	55%	6.80	4.64
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46
2015	12,126	922	312	345	657	71%	6.66	5.54
2016	12,692	1,745	363	724	1,087	62%	4.59	5.42
2017	12,201	1,581	364	682	1,047	66%	4.77	5.50
2018	11,871	1,124	315	402	717	64%	5.08	5.36

2018 Black Hills Firearm Elk Harvest Projections

Last Revised: 18 April 2019

Resident Licenses						Harvest Projections						Avg		Avg		Land Hunted Most		
Appl. 1st						Bull		Cow		Total Elk		Elk Shot Not Recovered	Satisfactn Score	Days Hunted	Other			
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	CI (95%)				Public	Own	Private	
H1A-21	1,131	60	60	92%	73%	43	0	1	0	44	+/-2	2	5.18	6.9	57	3	0	
H1B-23	53	20	20	75%	33%	0	7	0	0	7	+/-2	0	5.47	7.4	19	0	1	
H2A-21	8,534	250	249	90%	77%	178	12	1	1	192	+/-4	10	5.54	7.1	232	10	3	
H2B-23	206	75	75	87%	68%	0	46	3	1	51	+/-3	3	5.32	3.6	70	0	1	
H2C-23	41	75	75	84%	57%	0	36	2	5	43	+/-4	2	5.35	3.9	74	0	0	
H2D-23	3	25	25	96%	46%	0	9	0	2	11	+/-1	3	4.81	4.6	21	0	1	
H2E-23	98	75	75	92%	45%	0	32	0	2	34	+/-3	3	5.11	4.0	68	1	0	
H2F-23	69	75	75	85%	67%	0	42	0	8	50	+/-3	4	5.76	2.8	69	0	1	
H2G-23	27	75	75	88%	79%	0	57	0	2	59	+/-3	3	5.95	2.4	74	0	0	
H2H-23	7	15	15	93%	14%	0	2	0	0	2	+/-1	0	3.86	4.2	15	0	0	
H2I-23	1	15	15	100%	80%	0	12	0	0	12	+/-0	1	5.93	3.0	15	0	0	
H2J-23	1	15	15	100%	80%	0	11	0	1	12	+/-0	2	6.36	2.2	13	0	1	
H3A-21	1,190	80	80	89%	77%	56	3	2	0	62	+/-3	0	5.48	6.7	45	28	7	
H3B-23	18	15	15	73%	27%	0	4	0	0	4	+/-2	0	4.50	6.1	10	1	3	
H3C-23	4	15	15	100%	27%	0	4	0	0	4	+/-0	3	4.67	3.4	14	0	1	
H3D-23	2	15	15	87%	23%	0	3	0	0	3	+/-1	0	4.54	4.2	15	0	0	
H3E-23	21	50	50	84%	51%	0	23	0	2	26	+/-3	0	4.78	4.8	32	1	13	
H3F-23	6	50	50	88%	61%	0	27	2	1	31	+/-3	1	5.54	4.1	24	0	23	
H3G-23	4	50	50	84%	50%	0	21	1	2	25	+/-3	0	5.19	4.2	37	0	13	
H4A-21	54	10	10	80%	88%	9	0	0	0	9	+/-1	0	6.57	2.8	0	1	8	
H4B-23	3	10	10	100%	70%	0	7	0	0	7	+/-0	0	5.67	3.9	0	0	9	
H5A-21	58	5	5	80%	50%	3	0	0	0	3	+/-1	0	3.50	11.0	4	1	0	
H7A-21	278	10	10	90%	89%	9	0	0	0	9	+/-1	0	5.71	8.4	9	1	0	
H7B-23	8	10	10	70%	43%	0	4	0	0	4	+/-2	0	5.71	8.0	10	0	0	
H9A-21	51	10	10	90%	44%	3	1	0	0	4	+/-1	1	4.75	4.6	1	2	6	
H9B-23	3	20	20	75%	47%	0	8	1	0	9	+/-3	0	3.86	7.2	4	1	13	
Totals	11,871	1,125	1,124	87.9%	63.8%	300	373	15	29	717	+/- 49	40	5.36	5.08	934	52	101	
The response rate for all units combined is:																86%	5%	9%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		

Black Hills Firearm Elk 1966-2018



PRAIRIE FIREARM ELK

A total of 139 licenses were issued for the 2018 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 110 responded for a 79% response rate. Approximately 74% responded through the Internet.

Respondents reported hunting an average of 5.55 days for a total of 771 days of recreation. The projected harvest was 59 bulls and 51 cows for an overall success rate of 79%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.58 for the season.

Approximately 12% of responding hunters reported hunting mostly on public land, 70% on private land they did not own, and 18% on private land they owned.

Summary comparison for 2009-2018 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
2009	133	29	22	51	38%	5.31	4.17
2010	134	24	27	51	38%	3.92	4.00
2011	128	20	15	35	27%	4.03	4.02
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31
2015	98	29	25	54	55%	4.59	5.34
2016	148	32	27	60	40%	4.76	4.68
2017	149	41	34	75	50%	6.43	4.81
2018	139	59	51	109	79%	5.55	5.58

2018 Prairie Firearm Elk Harvest Projections

Last Revised: 18 April 2019

Resident Licenses					Harvest Projections							Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Total Elk Harvested	CI (95%)				Public	Own	Other Private
09A-21	316	10	10	80%	75%	8	0	0	0	8	+/-1	3	6.3	8.8	0	3	6
09A-23	24	10	10	100%	50%	0	5	0	0	5	+/-0	1	4.6	4.8	0	0	7
11A-23	41	18	17	82%	93%	0	16	0	0	16	+/-1	2	5.6	3.5	0	0	17
11B-21	496	16	16	69%	100%	16	0	0	0	16	+/-0	0	5.6	5.4	4	6	6
11C-21	195	16	16	88%	71%	10	1	0	0	11	+/-1	1	5.0	5.4	0	3	11
11D-23	78	30	30	70%	86%	0	20	0	6	26	+/-3	3	6.1	3.6	1	0	29
15A-21	155	8	8	100%	100%	8	0	0	0	8	+/-0	0	6.8	6.6	0	2	6
15A-23	8	5	4	100%	0%	0	0	0	0	0	+/-0	0	4.8	13.5	0	3	1
27A-21	437	10	10	90%	78%	8	0	0	0	8	+/-1	0	6.2	8.1	2	4	3
27A-23	21	10	10	70%	43%	0	3	1	0	4	+/-2	0	3.3	7.0	6	0	4
35A-21	1,309	8	8	50%	100%	8	0	0	0	8	+/-0	0	6.5	4.8	6	2	0
Totals	3,080	141	139	79.1%	78.8%	58	45	1	6	109	+/- 9	10	5.58	5.55	16	24	92
The response rate for all units combined is:															12%	18%	70%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that unit as 1st choice.																	

CUSTER STATE PARK ARCHERY ELK

A total of 3 resident licenses were issued for the 2018 Custer State Park Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2018.

Respondents reported hunting an average of 11.0 days for a total of 33 days of recreation. One hunter reported harvesting an adult bull. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.50 for the season.

Summary comparison of the 2009-2018 CSP Archery elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2009	5,141	58	5	3	15%	10.4	NA
2010	4,898	35	0	0	0%	11.2	NA
2011	3,863	18	1	0	6%	7.8	NA
2012	2,077	3	0	0	0%	14.0	NA
2013	2,740	3	3	0	100%	9.3	NA
2014	3,023	4	4	0	100%	8.8	7.00
2015	3,600	4	3	0	75%	16.3	6.50
2016	3,707	3	1	0	33%	15.0	6.00
2017	3,704	3	1	0	33%	9.7	5.67
2018	3,772	3	2	0	50%	11.0	5.50

CUSTER STATE PARK FIREARM ANY ELK

A total of 9 resident licenses were issued for the 2018 Custer State Park Firearm Any Elk season which was open from October 1-31.

Respondents reported hunting an average of 5.7 days for a total of 51 days of recreation. All hunters but one responded (1 survey was undeliverable) and 6 reported harvesting adult bulls, and 1 reported a bull calf. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.71 for the season.

Summary comparison of the 2009-2018 CSP Firearm Any elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2009	10,823	36	30	1	86%	5.7	NA
2010	10,145	21	14	2	76%	NA	NA
2011	8,019	11	10	0	91%	5.50	NA
2012	6,582	4	4	0	100%	1.75	NA
2013	7,860	4	3	1	100%	2.00	NA
2014	8,084	4	4	0	100%	1.00	7.00
2015	9,136	8	8	0	100%	1.90	6.88
2016	8,958	9	8	0	89%	2.80	6.56
2017	8,828	9	8	0	88%	2.30	6.71
2018	8,670	9	8	0	86%	5.7	5.71

CUSTER STATE PARK ANTLERLESS ELK

A total of 23 resident licenses were issued for the 2018 Custer State Park Antlerless Elk season which was open from October 6-14 for Unit CU1, October 20-28 for Unit CU2, December 8-16 for Unit CU3, and January 19-27 for CU6. An additional two seasons were scheduled with 10 licenses each, but all licenses in those units were refunded due to all elk having left the unit. Three hunters in Units CU3 and CU6 voluntarily kept their licenses and hunted, but reported not seeing any elk.

Respondents reported hunting an average of 3.35 days for a total of 77 days of recreation. All hunters responded and 4 adult cows were reported harvested. One hunter reported shooting an elk that he/she was unable to recover. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 2.19 for the season.

Summary comparison of the 2007-2018 CSP Antlerless elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2007	3,763	60	1	31	53%	3.3	NA
2008	3,646	40	2	21	55%	2.8	NA
2009	3,548	20	0	19	95%	2.5	NA
2010	3,192	5	0	4	80%	NA	NA
2011-15	Closed						
2016	3,138	20	0	18	90%	2.20	6.20
2017	3,436	29	1	24	86%	2.10	5.83
2018	3,175	23	0	4	19%	3.35	2.19

2018 Custer State Park Antlerless Elk Harvest Projections

Last Revised: 18 April 2019

Last Revised: 15 April 2019

Resident Licenses						Harvest Projections						Avg		
Appl. 1st						Bull Cow Total Elk						Elk Shot Not	Satisfctn	Avg Days
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	CI (95%)	Recovered	Score	Hunted
CU1-23	1,122	10	10	90%	33%	0	3	0	0	3	+/-1	1	2.22	3.8
CU2-23	519	10	10	100%	11%	0	1	0	0	1	+/-1	0	1.13	3.3
CU3-23	647	10	1	100%	0%	0	0	0	0	0	+/-0	0	4.00	5.0
CU4-23	363	10	0								+/-			
CU5-23	300	10	0								+/-			
CU6-23	224	10	2	100%	0%	0	0	0	0	0	+/-0	0	6.50	3.0
Totals	3,175	60	23	95.5%	19.3%	0	4	0	0	4	+/-2	1	2.19	3.35

* Number of 1st drawing applicants with that unit as 1st choice.

* Number of 1st drawing applicants with that unit as 1st choice.

Statewide Combined Deer Harvest

There were 50,594 resident deer licenses (plus unlimited licenses) available in 2018 and 97,780 were issued. Nonresidents had 2,361 licenses (plus unlimited licenses) available and 8,513 were issued. Statewide, there were a total of 106,293 licenses sold that represented a total of 120,002 tags, an increase in 2,905 licenses and 2,972 tags from 2017. A total of 69,255 individual hunters were issued deer licenses in 2018, up from 68,101 in 2017.

Random samplings were taken for each unit within each season unless the numbers of hunters were low enough that all were sampled to satisfy the statistical analyses. Response rates ranged from 65% for Landowner Antlerless Deer to 84% for Custer State Park.

The projected statewide deer harvest was 51,926, nearly identical to 2017. This estimate included 27,211 whitetail bucks, 17,257 whitetail does, 5,947 mule bucks and 1,511 mule does. A slight increase in the number of licenses issued resulted in a 1% decrease in harvest success from 2017.

A decrease in white-tailed buck harvest along with increases in white-tailed doe, and mule buck and doe harvest accounted for the similar overall harvest from 2017. Both mule buck and doe harvest estimates increased slightly from 2017. Mule deer made up approximately 14% of the total harvest.

The 2018 overall statewide harvest success decreased to 43% from 44% in 2017. Harvest success ranged from 26% for Archery to 79% for West River Special Buck.

Respondents reported hunting an average of 5.17 days per hunter, which projects to a statewide total of 549,670 recreation days in 2017.

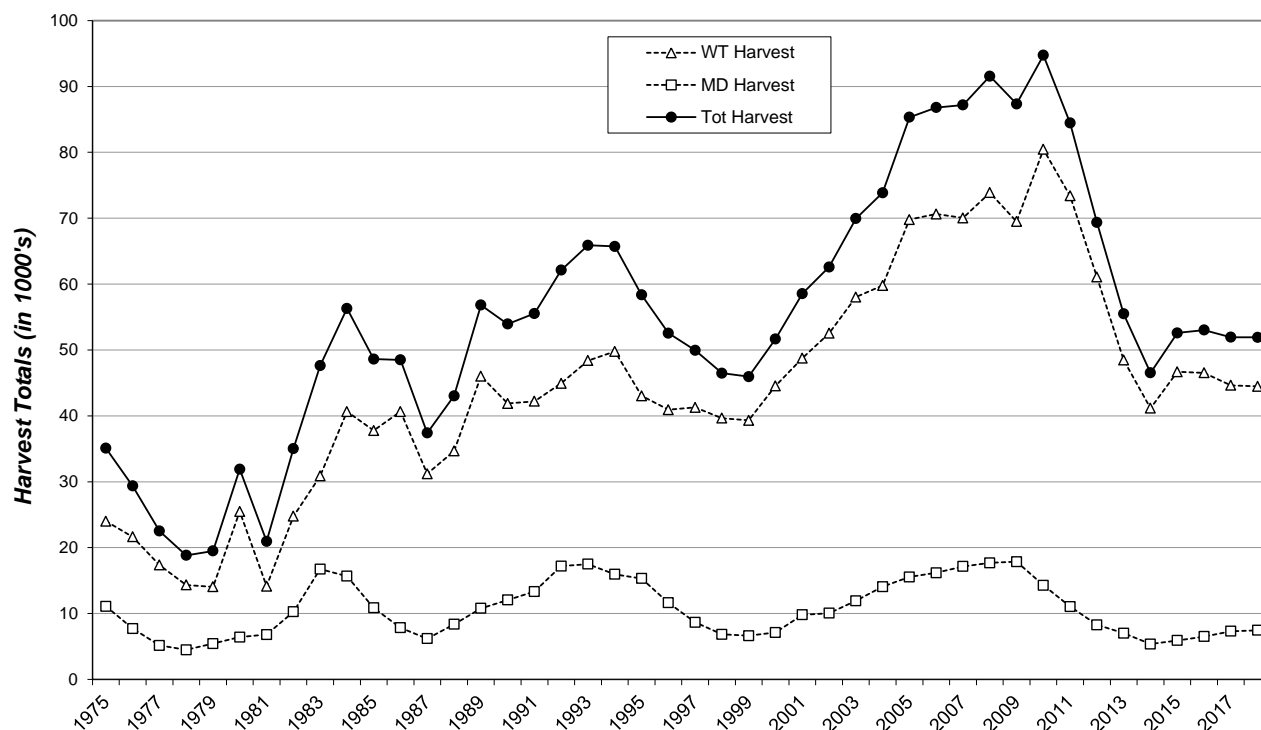
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 4.46 for Waubay Refuge to 5.95 for West River Special Buck.

2018 Statewide Deer Harvest Projection Summary

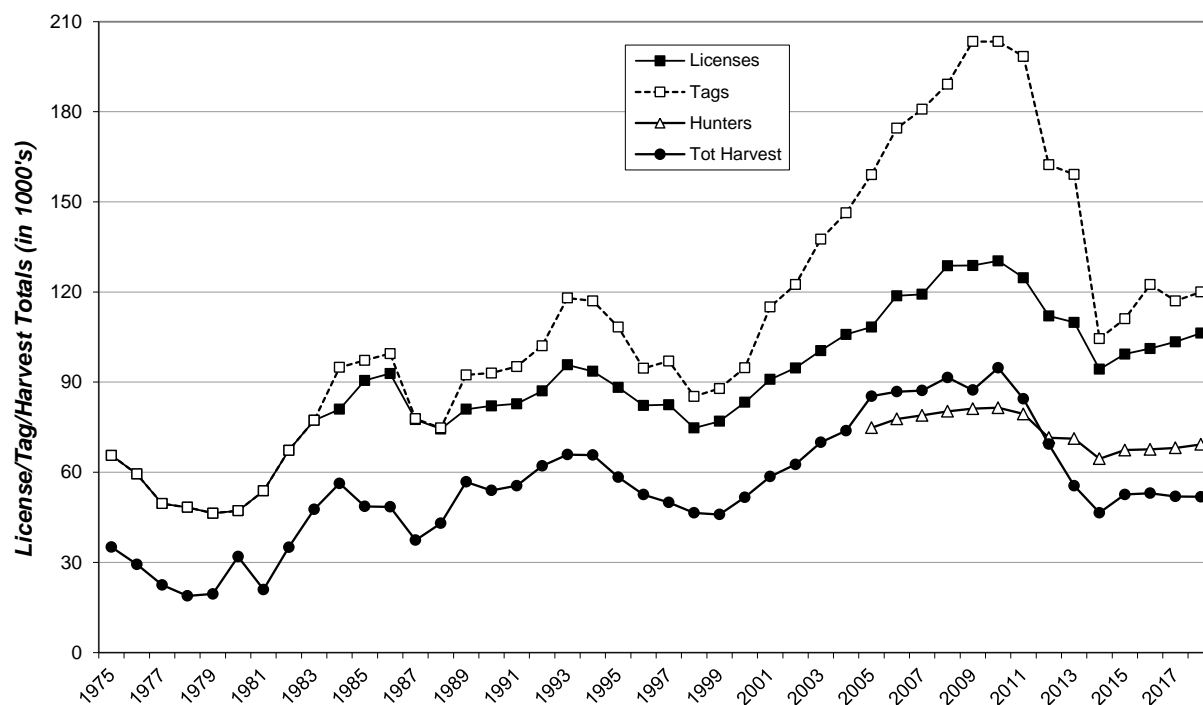
last revised: 8 May 2019

SOUTH DAKOTA Harvest Statistic	Season	Archery	Apprentice Antlerless	Mentored Youth	Muzzleloader	Landowner Own Land Antlerless	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Sand Lake NWR	Waubay NWR	Lacreek NWR	Black Hills	Custer State Park	Grand Totals
													Refuges					
<u>Licenses/Tags</u>																		
Resident Licenses																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	18,660	Unlimited	500	26,375	Unlimited	500	150	20	25	4,300	64	50,594
Sold	26,660	4,318	5,357	3,263	377	18,319	2,570	500	25,365	5,926	500	149	20	26	4,366	64	97,780	
Resident Tags																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	21,980	Unlimited	500	31,625	Unlimited	500	150	20	25	4,300	64	59,164	
Sold	26,660	4,318	5,357	3,263	377	21,534	4,150	500	29,828	9,598	500	149	20	26	4,366	64	110,710	
Nonresident Licenses																		
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	1,497	N/A	500	Leftovers	N/A	N/A	15	2	3	344	N/A	2,361	
Sold	4,449	527	N/A	120	N/A	1,844	N/A	493	718	N/A	N/A	15	2	3	342	N/A	8,513	
Nonresident Tags																		
Available	Unlimited	Unlimited	N/A	Unlimited	N/A	1,763	N/A	500	Leftovers	N/A	N/A	15	2	3	344	N/A	2,627	
Sold	4,449	527	N/A	120	N/A	2,198	N/A	493	1,143	N/A	N/A	15	2	3	342	N/A	9,292	
Total Licenses																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	20,157	Unlimited	1,000	26,375	Unlimited	500	165	22	28	4,644	64	52,955	
Sold	31,109	4,845	5,357	3,383	377	20,163	2,570	993	26,083	5,926	500	164	22	29	4,708	64	106,293	
Total Tags																		
Available	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	23,743	Unlimited	1,000	31,625	Unlimited	500	165	22	28	4,644	64	61,791	
Sold	31,109	4,845	5,357	3,383	377	23,732	4,150	993	30,971	9,598	500	164	22	29	4,708	64	120,002	
Hunters																		
	24,291	4,845	5,357	3,307	309	19,149	2,570	993	25,078	5,926	500	164	22	29	4,708	64	69,255	
<u>Recreation</u>																		
Average Days Hunted	10.59	3.85	3.61	4.44	2.99	3.30	3.91	3.47	4.18	4.34	5.33	2.66	2.94	2.00	4.54	2.56	5.17	
Total Days Hunted	257,132	18,671	19,347	14,688	3,531	63,282	10,061	3,448	109,022	25,733	2,665	436	65	58	21,367	164	549,670	
Mean Satisfaction Score	5.23	5.72	5.89	5.01	5.27	5.10	5.23	5.95	4.86	4.98	5.34	4.90	4.46	4.60	5.52	5.10		
<u>Harvest</u>																		
White-tailed Deer																		
Bucks	4,930	264	324	275	14	6,619	788	325	8,925	2,165	240	46	7	5	2,260	26	27,211	
Does	1,902	1,823	2,011	808	153	2,845	425	0	5,399	1,206	11	16	6	0	643	10	17,257	
Total	6,832	2,087	2,335	1,083	167	9,464	1,213	325	14,323	3,371	251	62	12	5	2,904	36	44,468	
Mule Deer																		
Bucks	1,115	35	51	110	2	3,174	566	460	231	88	28	0	0	2	86	0	5,947	
Does	141	377	439	14	5	234	190	4	58	36	1	0	0	0	13	0	1,511	
Total	1,256	412	490	124	6	3,407	755	464	288	125	30	0	0	2	98	0	7,458	
Total Deer Harvest																		
Bucks	6,045	299	375	385	15	9,792	1,353	785	9,156	2,253	268	46	7	7	2,346	26	33,158	
Does	2,043	2,200	2,449	822	158	3,078	615	4	5,456	1,242	12	16	6	0	656	10	18,768	
Total	8,088	2,499	2,824	1,208	173	12,871	1,968	789	14,612	3,496	280	62	12	7	3,002	36	51,926	
Success																		
	26%	52%	53%	36%	46%	54%	47%	79%	47%	36%	56%	38%	56%	23%	64%	56%	43%	

South Dakota Combined Deer Harvest 1975-2018



South Dakota Combined Deer Licensing 1975-2018



ARCHERY DEER

There were 31,109 archery deer licenses issued in 2018 (26,660 resident, 4,449 nonresident). All were single any-deer tags for the Statewide, East River, or West River units, or single antlerless whitetail tags for the LM1 (Limited Statewide) unit.

All license holders and access permit holders were surveyed and 16,818 responded for a 70% return rate. Approximately 69% of hunters used the Internet to respond.

The 2018 Archery Deer season ran from September 1, 2018 through January 1, 2019. Respondents reported hunting 10.59 days per hunter, which projects to a total of 257,132 recreation days for the season.

The projected harvest for the archery season was 8,088 deer (4,930 whitetail bucks, 1,902 whitetail does, 1,115 mule deer bucks, and 141 mule deer does). The hunter success rate for the season was 30%. The five deer management units with the highest reported harvest by residents were the Black Hills, Brown, Minnehaha, Yankton, and Brookings, and by nonresidents were the Black Hills, Brown, Gregory, West Harding, and Custer National Forest.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.23.

Summary comparison of the 2013-2018 Archery Deer seasons

YEAR	Licenses Sold		Harvest					Tag Success	Avg Days	Average Satisfctn
			Bucks		Does		Hunted			
	Res	Nonres	WT	Mule	WT	Mule	Total			
2013	24,315	3,036	3,875	424	2,585	141	7,025	24%	11.11	4.76
2014	21,647	2,840	3,948	562	1,459	83	6,052	25%	10.80	4.97
2015	23,507	3,180	5,042	632	1,593	73	7,340	28%	11.24	5.14
2016	24,531	3,474	4,780	824	1,987	89	7,680	27%	10.80	5.06
2017	25,512	3,800	4,750	961	1,775	136	7,622	26%	10.94	5.24
2018	26,660	4,449	4,930	1,115	1,902	141	8,088	26%	10.59	5.23

2018 Archery Deer Harvest Projections

Harvest Projections																			
Last Revised: 8-May-19	Unit	Residency	Licenses Available	Licenses Sold	License Holders	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Avg Days Hunted	Avg Satisfaction
									Bucks		Does		Bucks		Does				
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
	Statewide no Access Permit	Resident	Unlimited	22,501	17,539	69%	27%	23%	3,257	116	1,257	107	458	10	73	1	5,280	11.11	5.11
		Nonresident	Unlimited	3,750	3,439	70%	40%	38%	798	17	191	9	368	3	26	4	1,416	6.53	5.68
	Statewide with Access Permit	Resident	Unlimited	4,159	2,646	75%	34%	28%	634	24	300	28	152	1	20	3	1,162	13.24	5.23
		Nonresident	Unlimited	699	667	74%	32%	33%	82	1	8	3	120	3	11	3	230	7.17	5.66
	Totals	Resident	Unlimited	26,660	20,185	69.4%	28%	24%	3,892	140	1,557	135	609	12	93	4	6,442	11.39	5.13
		Nonresident	Unlimited	4,449	4,106	71.0%	39%	37%	880	19	199	11	488	6	37	7	1,646	6.64	5.67
	Grand Totals			31,109	24,291	69.7%	30%	26%	4,772	159	1,755	147	1,097	17	130	11	8,088	10.59	5.23

2018 Access Permit Unit Archery Deer Survey Results

Harvest Projections																
Unit	Residency	Licenses Available	Permits Issued	Permit Holders	Projected Hunted	Response Rate	Hunter Success	Permit Success	Whitetail				Mule Deer			
									Bucks		Does		Bucks		Does	
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn
Black Hills Deer/BH1	Resident	Unlimited	2,182	2,182	1,317	76%	34%	21%	234	12	131	8	56	0	7	0
	Nonresident	Unlimited	277	277	129	76%	34%	16%	34	0	3	0	4	0	3	0
Brule Cty GPA Corps/13L	Resident	Unlimited	181	181	27	78%	5%	1%	0	0	1	0	0	0	0	0
	Nonresident	Unlimited	66	66	15	84%	0%	0%	0	0	0	0	0	0	0	0
Custer Nat Forest/35L	Resident	Unlimited	733	733	343	74%	6%	3%	4	0	0	0	14	0	1	0
	Nonresident	Unlimited	415	415	282	76%	17%	11%	7	0	0	0	37	0	3	0
Hill Ranch GPA/27L	Resident	Unlimited	229	229	65	74%	2%	1%	0	0	1	0	0	0	0	1
	Nonresident	Unlimited	82	82	30	86%	12%	4%	1	0	0	0	2	0	0	4
Little Moreau GPA/24B	Resident	Unlimited	142	142	30	80%	8%	2%	1	0	1	0	0	0	0	2
	Nonresident	Unlimited	59	59	4	86%	0%	0%	0	0	0	0	0	0	0	0
Totals	Resident		3,286	2,646	1,658	75.0%	28.8%	18%	240	12	134	8	69	0	8	0
	Nonresident		833	667	456	74.3%	21.1%	14%	42	0	3	0	44	0	5	0
Grand Totals			4,119	3,313	2,115	74.8%	27.1%	17%	282	12	136	8	113	0	13	0

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Archery Deer Harvest Distribution by Management Unit

Last Revised:
08-May-19

Unit	Reported Harvest									Projected Harvest										
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total		
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
01A (Minnehaha)	130	8	60	8	1	0	0	0	207	200	13	95	13	2	0	0	0	322	4.0%	
02A (NE Penn/SE Meade)	31	0	12	1	28	0	2	1	75	48	0	19	2	42	0	3	1	114	1.4%	
02C (SE Pennington)	29	1	14	0	34	1	0	0	79	45	1	22	0	51	2	0	0	121	1.5%	
03A (Brown)	141	3	63	5	0	0	1	0	213	216	5	99	8	0	0	1	0	330	4.1%	
04A (Beadle)	77	4	22	4	0	0	0	0	107	118	6	35	7	0	0	0	0	166	2.1%	
05A (Codington)	78	2	11	1	0	0	0	0	92	120	3	17	2	0	0	0	0	142	1.8%	
06A (Brookings)	96	1	60	3	1	0	0	0	161	148	2	95	5	1	0	0	0	250	3.1%	
07A (Yankton)	73	3	39	3	0	0	0	0	118	112	5	62	5	0	0	0	0	184	2.3%	
08A (Davison)	39	0	5	0	0	0	0	0	44	60	0	8	0	0	0	0	0	68	0.8%	
10A (Aurora)	36	0	12	1	0	0	0	0	49	55	0	19	2	0	0	0	0	76	0.9%	
11A (N Bennett)	3	0	0	0	3	0	0	0	6	5	0	0	0	5	0	0	0	9	0.1%	
11B (S Bennett)	5	0	0	0	1	0	0	0	6	8	0	0	0	1	0	0	0	9	0.1%	
12A (Bon Homme)	31	2	7	1	0	0	0	0	41	48	3	11	2	0	0	0	0	64	0.8%	
13A (Brule)	35	0	9	1	12	0	0	0	57	54	0	14	2	18	0	0	0	87	1.1%	
13L (Brule GPA/Corps)	0	0	1	0	1	0	0	0	2	0	0	2	0	2	0	0	0	3	0.0%	
14A (Buffalo)	5	1	1	1	4	0	1	0	13	8	2	2	2	6	0	1	0	20	0.2%	
15A (Butte)	44	2	22	1	40	2	6	0	117	67	3	35	2	60	3	9	0	179	2.2%	
15B (SW Butte/Lawrence)	55	1	25	0	11	0	4	1	97	85	2	39	0	17	0	6	1	150	1.9%	
16A (Campbell)	18	1	4	1	2	0	0	0	26	28	1	6	2	3	0	0	0	40	0.5%	
17A (Charles Mix)	48	1	9	0	12	0	1	0	71	74	1	14	0	18	0	2	0	109	1.3%	
18A (Clark)	66	3	10	1	0	0	0	0	80	101	5	16	2	0	0	0	0	123	1.5%	
19A (Clay)	27	0	6	0	0	0	0	0	33	42	0	9	0	0	0	0	0	51	0.6%	
20A (Corson)	14	0	0	0	20	0	2	0	36	21	0	0	0	30	0	3	0	55	0.7%	
21A (E Custer/S Penn)	29	0	10	0	26	0	1	0	66	45	0	16	0	39	0	2	0	101	1.2%	
21B (C Custer/C Penn)	23	2	10	0	8	0	2	0	45	35	3	16	0	12	0	3	0	69	0.9%	
22A (Day)	60	1	7	1	0	0	0	0	69	92	2	11	2	0	0	0	0	106	1.3%	
23A (Deuel)	30	2	13	0	0	0	0	0	45	46	3	21	0	0	0	0	0	70	0.9%	
24A (Dewey)	7	0	1	0	7	0	2	0	17	11	0	2	0	10	0	3	0	26	0.3%	
24B (Little Moreau)	4	0	1	0	0	0	0	0	5	6	0	2	0	0	0	0	0	8	0.1%	
25A (Douglas)	18	0	5	1	0	0	0	0	24	28	0	8	2	0	0	0	0	37	0.5%	
26A (Edmunds)	45	1	15	2	2	0	0	0	65	69	2	24	3	3	0	0	0	101	1.2%	
27A (NW FRiver/SW Cust)	10	0	2	0	16	1	2	0	31	15	0	3	0	24	2	3	0	47	0.6%	
27B (Fall River)	14	1	4	1	24	0	3	1	48	22	2	6	2	36	0	5	1	73	0.9%	
27L (Hill Ranch Area)	1	0	1	0	3	0	0	0	5	2	0	2	0	4	0	0	0	8	0.1%	
28A (Faulk)	22	0	8	1	0	0	0	0	31	34	0	13	1	0	0	0	0	48	0.6%	
29A (Grant)	65	1	13	2	0	0	0	0	81	100	2	20	3	0	0	0	0	125	1.5%	
30A,B (Gregory)	64	3	40	1	3	0	1	0	112	98	5	63	1	5	0	2	0	172	2.1%	
31A (Haakon)	22	1	9	0	21	0	3	0	56	34	2	14	0	32	0	5	0	86	1.1%	
32A (Hamlin)	63	1	7	0	1	0	0	0	72	97	2	11	0	2	0	0	0	111	1.4%	
33A (Hand)	53	0	13	1	1	0	0	0	68	81	0	20	2	2	0	0	0	105	1.3%	
34A (Hanson)	22	1	3	0	1	0	0	0	27	34	2	5	0	1	0	0	0	42	0.5%	
35A (W Harding)	30	0	17	1	74	1	10	0	133	46	0	27	2	111	1	15	0	202	2.5%	
35C (E Harding)	11	1	2	1	31	0	6	1	53	17	2	3	1	46	0	9	2	80	1.0%	
35L (Custer Nat Forest)	14	1	3	0	49	0	4	0	71	21	1	5	0	73	0	6	0	107	1.3%	
36A (Hughes)	33	4	12	2	10	1	0	0	62	51	6	19	3	15	2	0	0	96	1.2%	
37A (Hutchinson)	29	0	3	0	0	0	0	0	32	45	0	5	0	0	0	0	0	49	0.6%	
38A (Hyde)	25	0	2	1	0	0	0	0	28	38	0	3	2	0	0	0	0	43	0.5%	
39A (N Jackson)	7	1	0	0	7	0	0	0	15	11	1	0	0	10	0	0	0	23	0.3%	
39B (S Jackson)	5	0	1	0	4	0	1	0	11	8	0	2	0	6	0	2	0	17	0.2%	
40A (Jerauld)	10	1	11	0	2	0	0	0	24	15	1	17	0	3	0	0	0	37	0.5%	
41A (Jones)	14	1	1	0	7	0	0	0	23	21	1	2	0	10	0	0	0	35	0.4%	
42A (Kingsbury)	42	2	26	2	0	0	0	0	72	65	3	41	3	0	0	0	0	112	1.4%	
43A (Lake)	58	1	20	4	0	0	0	0	83	89	2	32	7	0	0	0	0	129	1.6%	
44A (Lincoln)	64	4	38	1	0	0	0	0	107	99	6	60	2	0	0	0	0	166	2.1%	
45A (W Lyman)	31	0	10	1	5	0	2	0	49	47	0	16	2	8	0	3	0	75	0.9%	
45B (E Lyman)	19	0	4	1	5	0	0	0	29	29	0	6	2	7	0	0	0	44	0.5%	
45C (NE Lyman/SE Stanley)	2	0	2	0	4	0	0	0	8	3	0	3	0	6	0	0	0	12	0.2%	
45D (Ft Pr Nat GrsInd)	4	0	0	0	4	0	0	0	8	6	0	0	0	6	0	0	0	12	0.1%	
46A (McCook)	45	2	20	2	0	0	0	0	69	69	3	32	3	0	0	0	0	107	1.3%	
47A (McPherson)	26	3	5	2	0	0	0	0	36	40	5	8	3	0	0	0	0	56	0.7%	
48A (Marshall)	42	0	11	0	0	0	0	0	53	64	0	17	0	0	0	0	0	82	1.0%	
49A (W Meade)	73	2	29	5	10	0	2	0	121	112	3	46	8	15	0	3	0	187	2.3%	
49B (NE Meade)	13	1	8	1	20	0	1	0	44	20	2	13	2	30	0	2	0	67	0.8%	
50A,B (Mellette)	9	0	3	0	7	0	1	0	20	14	0	5	0	11	0	2	0	31	0.4%	
51A (Miner)	32	2	12	1	0	0	0	0	47	49	3	19	2	0	0	0	0	73	0.9%	
52A (Moody)	35	1	24	2	0	0	0	0	62	54	2	38	3	0	0	0	0	97	1.2%	
53A (N Perkins)	12	0	2	1	24	3	2	0	44	18	0	3	2	36	4	3	0	67	0.8%	
53C (S Perkins)	15	1	2	0	20	0	3	0	41	23	2	3	0	30	0	5	0	62	0.8%	
54A (Potter)	28	2	3	1	4	0	0	1	39	43	3	5	2	6	0	0	2	60	0.7%	
55A (Roberts)	60	6	10	0	0	0	0	0	76	92	9	16	0	0	0	0	0	117	1.4%	
56A (Sanborn)	16	0	9	1	0	0	0	0	26	25	0	14	1	0	0	0	0	40	0.5%	
57A (Spink)	59	1	20	1	0	0	0	0	81	90	2	32	2	0	0	0	0	125	1.5%	
58A (Stanley)	19	0	1	0	28	1	1	1	51	29	0	2	0	42	2	1	2	78	1.0%	
59A (W Sully)	20	0	4	1	19	1	3	1	49	31	0	6	2	29	2	5	2	75	0.9%	
59B (E Sully)	5	0	3	0	0	0	1	0	9	8	0	5	0	0	0	2	0	14	0.2%	
60A (Tripp)	40	1	25	2	8	0	1	0	77	61	1	39	3	12	0	2	0	119	1.5%	
61A (Turner)	46	0	6	1	0	0	0	0	53	71										

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

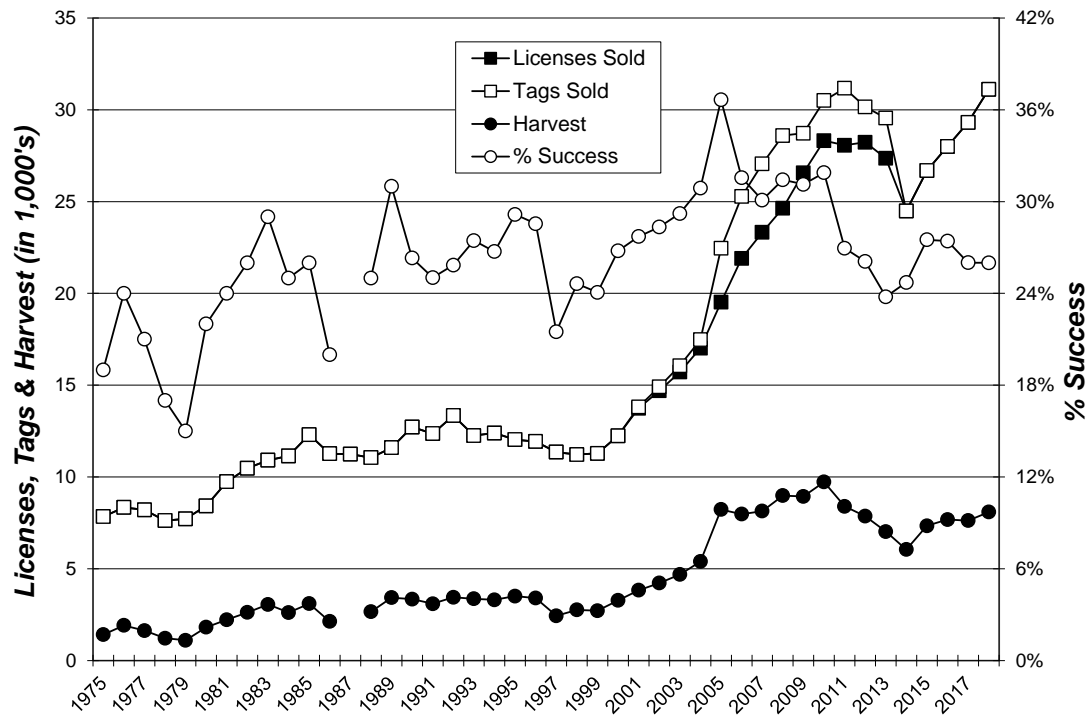
2018 Resident Archery Deer Harvest Dist by Management Unit																			
Last Revised: 08-May-19		Reported Harvest								Projected Harvest									
		Whitetail				Mule Deer				Whitetail				Mule Deer				Total	
		Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does			
		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate
Unit																			
01A (Minnehaha)	128	8	60	8	1	0	0	0	205	197	13	95	13	2	0	0	0	319	5.0%
02A (NE Penn/SE Meade)	22	0	9	1	7	0	1	1	41	34	0	14	2	11	0	2	1	63	1.0%
02C (SE Pennington)	27	0	14	0	20	1	0	0	62	42	0	22	0	30	2	0	0	95	1.5%
03A (Brown)	104	2	51	5	0	0	0	0	162	160	3	80	8	0	0	0	0	252	3.9%
04A (Beadle)	66	3	20	4	0	0	0	0	93	102	5	32	7	0	0	0	0	145	2.2%
05A (Codington)	74	2	10	1	0	0	0	0	87	114	3	16	2	0	0	0	0	135	2.1%
06A (Brookings)	91	1	59	3	0	0	0	0	154	140	2	93	5	0	0	0	0	240	3.7%
07A (Yankton)	69	3	39	3	0	0	0	0	114	106	5	62	5	0	0	0	0	178	2.8%
08A (Davison)	37	0	5	0	0	0	0	0	42	57	0	8	0	0	0	0	0	65	1.0%
10A (Aurora)	26	0	10	1	0	0	0	0	37	40	0	16	2	0	0	0	0	58	0.9%
11A (N Bennett)	2	0	0	0	3	0	0	0	5	3	0	0	0	5	0	0	0	8	0.1%
11B (S Bennett)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.0%
12A (Bon Homme)	28	2	7	1	0	0	0	0	38	43	3	11	2	0	0	0	0	59	0.9%
13A (Brule)	22	0	4	1	9	0	0	0	36	34	0	6	2	14	0	0	0	55	0.9%
13L (Brule GPA Corps)	0	0	1	0	1	0	0	0	2	0	0	2	0	2	0	0	0	3	0.0%
14A (Buffalo)	2	1	1	1	0	0	0	0	5	3	2	2	2	0	0	0	0	8	0.1%
15A (Butte)	29	2	17	1	19	2	5	0	75	45	3	27	2	29	3	8	0	116	1.8%
15B (SW Butte/Lawrence)	48	1	24	0	9	0	4	1	87	74	2	38	0	14	0	6	1	135	2.1%
16A (Campbell)	13	0	3	1	1	0	0	0	18	20	0	5	2	2	0	0	0	28	0.4%
17A (Charles Mix)	39	0	8	0	5	0	1	0	53	60	0	13	0	8	0	2	0	82	1.3%
18A (Clark)	51	3	9	1	0	0	0	0	64	79	5	14	2	0	0	0	0	99	1.5%
19A (Clay)	25	0	6	0	0	0	0	0	31	39	0	9	0	0	0	0	0	48	0.7%
20A (Corson)	11	0	0	0	17	0	2	0	30	17	0	0	0	26	0	3	0	46	0.7%
21A (E Custer/S Penn)	25	0	8	0	22	0	1	0	56	39	0	13	0	33	0	2	0	86	1.3%
21B (C Custer/C Penn)	21	2	8	0	7	0	2	0	40	32	3	13	0	11	0	3	0	62	1.0%
22A (Day)	46	1	6	1	0	0	0	0	54	71	2	9	2	0	0	0	0	84	1.3%
23A (Deuel)	27	2	13	0	0	0	0	0	42	42	3	21	0	0	0	0	0	65	1.0%
24A (Dewey)	4	0	1	0	4	0	1	0	10	6	0	2	0	6	0	2	0	15	0.2%
24B (Little Moreau)	3	0	1	0	0	0	0	0	4	5	0	2	0	0	0	0	0	6	0.1%
25A (Douglas)	18	0	5	1	0	0	0	0	24	28	0	8	2	0	0	0	0	37	0.6%
26A (Edmunds)	35	1	12	2	2	0	0	0	52	54	2	19	3	3	0	0	0	81	1.3%
27A (NW FRiver/SW Cust)	8	0	1	0	12	1	0	0	22	12	0	2	0	18	2	0	0	34	0.5%
27B (Fall River)	14	1	4	1	13	0	2	1	36	22	2	6	2	20	0	3	1	55	0.9%
27L (Hill Ranch Area)	0	0	1	0	1	0	0	0	2	0	0	2	0	2	0	0	0	3	0.0%
28A (Faulk)	16	0	8	0	0	0	0	0	24	25	0	13	0	0	0	0	0	37	0.6%
29A (Grant)	57	1	12	1	0	0	0	0	71	88	2	19	2	0	0	0	0	110	1.7%
30A,B (Gregory)	26	2	27	0	3	0	1	0	59	40	3	43	0	5	0	2	0	92	1.4%
31A (Haakon)	10	1	8	0	14	0	3	0	36	15	2	13	0	21	0	5	0	55	0.9%
32A (Hamlin)	63	1	7	0	1	0	0	0	72	97	2	11	0	2	0	0	0	111	1.7%
33A (Hand)	36	0	12	1	1	0	0	0	50	55	0	19	2	2	0	0	0	78	1.2%
34A (Hanson)	20	1	2	0	0	0	0	0	23	31	2	3	0	0	0	0	0	36	0.6%
35A (W Harding)	11	0	10	1	28	0	7	0	57	17	0	16	2	42	0	11	0	88	1.4%
35C (E Harding)	6	1	1	0	10	0	4	0	22	9	2	2	0	15	0	6	0	34	0.5%
35L (Custer Nat Forest)	6	0	1	0	11	0	1	0	19	9	0	2	0	17	0	2	0	29	0.4%
36A (Hughes)	26	4	11	2	8	1	0	0	52	40	6	17	3	12	2	0	0	81	1.3%
37A (Hutchinson)	25	0	3	0	0	0	0	0	28	39	0	5	0	0	0	0	0	43	0.7%
38A (Hyde)	16	0	1	1	0	0	0	0	18	25	0	2	2	0	0	0	0	28	0.4%
39A (N Jackson)	6	0	0	0	3	0	0	0	9	9	0	0	0	5	0	0	0	14	0.2%
39B (S Jackson)	3	0	0	0	3	0	1	0	7	5	0	0	0	5	0	2	0	11	0.2%
40A (Jerauld)	10	0	8	0	2	0	0	0	20	15	0	13	0	3	0	0	0	31	0.5%
41A (Jones)	10	0	0	0	2	0	0	0	12	15	0	0	0	3	0	0	0	18	0.3%
42A (Kingsbury)	40	2	23	2	0	0	0	0	67	62	3	36	3	0	0	0	0	104	1.6%
43A (Lake)	56	1	19	4	0	0	0	0	80	86	2	30	7	0	0	0	0	125	1.9%
44A (Lincoln)	60	4	36	1	0	0	0	0	101	92	6	57	2	0	0	0	0	157	2.4%
45A (W Lyman)	14	0	10	1	4	0	1	0	30	22	0	16	2	6	0	2	0	47	0.7%
45B (E Lyman)	11	0	3	1	1	0	0	0	16	17	0	5	2	2	0	0	0	25	0.4%
45C (NE Lyman/SE Stanley)	1	0	2	0	1	0	0	0	4	2	0	3	0	2	0	0	0	6	0.1%
45D (Ft Pr Nat Grslnd)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	5	0.1%
46A (McCook)	45	2	20	2	0	0	0	0	69	69	3	32	3	0	0	0	0	107	1.7%
47A (McPherson)	20	3	5	2	0	0	0	0	30	31	5	8	3	0	0	0	0	47	0.7%
48A (Marshall)	29	0	9	0	0	0	0	0	38	45	0	14	0	0	0	0	0	59	0.9%
49A (W Meade)	63	2	29	4	7	0	2	0	107	97	3	46	7	11	0	3	0	166	2.6%
49B (NE Meade)	11	1	8	1	8	0	1	0	30	17	2	13	2	12	0	2	0	46	0.7%
50A,B (Mellette)	6	0	2	0	5	0	1	0	14	9	0	3	0	8	0	2	0	22	0.3%
51A (Miner)	31	2	10	1	0	0	0	0	44	48	3	16	2	0	0	0	0	68	1.1%
52A (Moody)	35	1	24	2	0	0	0	0	62	54	2	38	3	0	0	0	0	97	1.5%
53A (N Perkins)	10	0	1	1	10	0	2	0	24	15	0	2	2	15	0	3	0	37	0.6%
53C (S Perkins)	5	1	0	0	11	0	1	0	18	8	2	0	0	17	0	2	0	27	0.4%
54A (Potter)	24	2	3	1	3	0	0	0	33	37	3	5	2	5	0	0	0	51	0.8%
55A (Roberts)	50	4	8	0	0	0	0	0	62	77	6	13	0	0	0	0	0	96	1.5%
56A (Sanborn)	14	0	8	0	0	0	0	0	22	22	0	13	0	0	0	0	0	34	0.5%
57A (Spink)	39	1	19	1	0	0	0	0	60	60	2	30	2	0	0	0	0	93	1.4%
58A (Stanley)	12	0	1	0	20	1	0	0	34	18	0	2	0	30	2	0	0	52	0.8%
59A (W Sully)	15	0	4	1	15	1	3	0	39	23	0	6	2	23	2	5	0	60	0.9%
59B (E Sully)	3	0	3	0	0	0	1	0	7	5	0	5	0	0	0	2	0	11	0.2%
60A (Tripp)	26	0	19	1	6	0	1	0	53	40	0	30	2	9	0	2	0		

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Nonresident Archery Deer Harvest Dist by Management Unit

Unit	Reported Harvest									Projected Harvest										
	Whitetail				Mule Deer					Whitetail				Mule Deer					Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%	
01A (Minnehaha)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
02A (NE Penn/SE Meade)	9	0	3	0	21	0	1	0	34	14	0	5	0	31	0	1	0	51	3.1%	
02C (SE Pennington)	2	1	0	0	14	0	0	0	17	3	1	0	0	21	0	0	0	25	1.5%	
03A (Brown)	37	1	12	0	0	0	1	0	51	56	1	19	0	0	0	1	0	77	4.7%	
04A (Beadle)	11	1	2	0	0	0	0	0	14	17	1	3	0	0	0	0	0	21	1.3%	
05A (Codington)	4	0	1	0	0	0	0	0	5	6	0	2	0	0	0	0	0	8	0.5%	
06A (Brookings)	5	0	1	0	1	0	0	0	7	8	0	2	0	1	0	0	0	11	0.6%	
07A (Yankton)	4	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	6	0.4%	
08A (Davison)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
10A (Aurora)	10	0	2	0	0	0	0	0	12	15	0	3	0	0	0	0	0	18	1.1%	
11A (N Bennett)	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0.1%	
11B (S Bennett)	3	0	0	0	1	0	0	0	4	5	0	0	0	1	0	0	0	6	0.4%	
12A (Bon Homme)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
13A (Brule)	13	0	5	0	3	0	0	0	21	20	0	8	0	4	0	0	0	32	1.9%	
13L (Brule GPA Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
14A (Buffalo)	3	0	0	0	4	0	1	0	8	5	0	0	0	6	0	1	0	12	0.7%	
15A (Butte)	15	0	5	0	21	0	1	0	42	23	0	8	0	31	0	1	0	63	3.8%	
15B (SW Butte/Lawrence)	7	0	1	0	2	0	0	0	10	11	0	2	0	3	0	0	0	15	0.9%	
16A (Campbell)	5	1	1	0	1	0	0	0	8	8	1	2	0	1	0	0	0	12	0.7%	
17A (Charles Mix)	9	1	1	0	7	0	0	0	18	14	1	2	0	10	0	0	0	27	1.6%	
18A (Clark)	15	0	1	0	0	0	0	0	16	23	0	2	0	0	0	0	0	24	1.5%	
19A (Clay)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
20A (Corson)	3	0	0	0	3	0	0	0	6	5	0	0	0	4	0	0	0	9	0.5%	
21A (E Custer/S Penn)	4	0	2	0	4	0	0	0	10	6	0	3	0	6	0	0	0	15	0.9%	
21B (C Custer/C Penn)	2	0	2	0	1	0	0	0	5	3	0	3	0	1	0	0	0	8	0.5%	
22A (Day)	14	0	1	0	0	0	0	0	15	21	0	2	0	0	0	0	0	23	1.4%	
23A (Deuel)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
24A (Dewey)	3	0	0	0	3	0	1	0	7	5	0	0	0	4	0	1	0	10	0.6%	
24B (Little Moreau)	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0.1%	
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
26A (Edmunds)	10	0	3	0	0	0	0	0	13	15	0	5	0	0	0	0	0	20	1.2%	
27A (NW FRiver/SW Cust)	2	0	1	0	4	0	2	0	9	3	0	2	0	6	0	3	0	13	0.8%	
27B (Fall River)	0	0	0	0	11	0	1	0	12	0	0	0	0	16	0	1	0	18	1.1%	
27L (Hill Ranch Area)	1	0	0	0	2	0	0	0	3	2	0	0	0	3	0	0	0	4	0.3%	
28A (Faulk)	6	0	0	1	0	0	0	0	7	9	0	0	1	0	0	0	0	10	0.6%	
29A (Grant)	8	0	1	1	0	0	0	0	10	12	0	2	1	0	0	0	0	15	0.9%	
30A,B (Gregory)	38	1	13	1	0	0	0	0	53	57	1	20	1	0	0	0	0	80	4.9%	
31A (Haakon)	12	0	1	0	7	0	0	0	20	18	0	2	0	10	0	0	0	30	1.8%	
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
33A (Hand)	17	0	1	0	0	0	0	0	18	26	0	2	0	0	0	0	0	27	1.7%	
34A (Hanson)	2	0	1	0	1	0	0	0	4	3	0	2	0	1	0	0	0	6	0.4%	
35A (W Harding)	19	0	7	0	46	1	3	0	76	29	0	11	0	69	1	4	0	114	6.9%	
35C (E Harding)	5	0	1	1	21	0	2	1	31	8	0	2	1	31	0	3	2	47	2.8%	
35L (Custer Nat Forest)	8	1	2	0	38	0	3	0	52	12	1	3	0	57	0	4	0	78	4.7%	
36A (Hughes)	7	0	1	0	2	0	0	0	10	11	0	2	0	3	0	0	0	15	0.9%	
37A (Hutchinson)	4	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	6	0.4%	
38A (Hyde)	9	0	1	0	0	0	0	0	10	14	0	2	0	0	0	0	0	15	0.9%	
39A (N Jackson)	1	1	0	0	4	0	0	0	6	2	1	0	0	6	0	0	0	9	0.5%	
39B (S Jackson)	2	0	1	0	1	0	0	0	4	3	0	2	0	1	0	0	0	6	0.4%	
40A (Jerauld)	0	1	3	0	0	0	0	0	4	0	1	5	0	0	0	0	0	6	0.4%	
41A (Jones)	4	1	1	0	5	0	0	0	11	6	1	2	0	7	0	0	0	16	1.0%	
42A (Kingsbury)	2	0	3	0	0	0	0	0	5	3	0	5	0	0	0	0	0	8	0.5%	
43A (Lake)	2	0	1	0	0	0	0	0	3	3	0	2	0	0	0	0	0	5	0.3%	
44A (Lincoln)	4	0	2	0	0	0	0	0	6	6	0	3	0	0	0	0	0	9	0.6%	
45A (W Lyman)	17	0	0	0	1	0	1	0	19	26	0	0	0	1	0	1	0	29	1.7%	
45B (E Lyman)	8	0	1	0	4	0	0	0	13	12	0	2	0	6	0	0	0	20	1.2%	
45C (NE Lyman/SE Stanley)	1	0	0	0	3	0	0	0	4	2	0	0	0	4	0	0	0	6	0.4%	
45D (Ft Pr Nat Grslnd)	2	0	0	0	3	0	0	0	5	3	0	0	0	4	0	0	0	8	0.5%	
46A (McCook)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
47A (McPherson)	6	0	0	0	0	0	0	0	6	9	0	0	0	0	0	0	0	9	0.6%	
48A (Marshall)	13	0	2	0	0	0	0	0	15	20	0	3	0	0	0	0	0	23	1.4%	
49A (W Meade)	10	0	0	1	3	0	0	0	14	15	0	0	1	4	0	0	0	21	1.3%	
49B (NE Meade)	2	0	0	0	12	0	0	0	14	3	0	0	0	18	0	0	0	21	1.3%	
50A,B (Mellette)	3	0	1	0	2	0	0	0	6	5	0	2	0	3	0	0	0	9	0.6%	
51A (Miner)	1	0	2	0	0	0	0	0	3	2	0	3	0	0	0	0	0	5	0.3%	
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
53A (N Perkins)	2	0	1	0	14	3	0	0	20	3	0	2	0	21	4	0	0	30	1.8%	
53C (S Perkins)	10	0	2	0	9	0	2	0	23	15	0	3	0	13	0	3	0	35	2.1%	
54A (Potter)	4	0	0	0	1	0	0	1	6	6	0	0	0	1	0	0	2	9	0.6%	
55A (Roberts)	10	2	2	0	0	0	0	0	14	15	3	3	0	0	0	0	0	21	1.3%	
56A (Sanborn)	2	0	1	1	0	0	0	0	4	3	0	2	1	0	0	0	0	6	0.4%	
57A (Spink)	20	0	1	0	0	0	0	0	21	30	0	2	0	0	0	0	0	32	1.9%	
58A (Stanley)	7	0	0	0	8	0	1	1	17	11	0	0	0	12	0	1	2	26	1.6%	
59A (W Sully)	5	0	0	0	4	0	0	1	10	8	0	0	0	6	0	0	2	15	0.9%	
59B (E Sully)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
60A (Tripp)	14	1	6	1	2	0	0	0	24	21	1	9	1	3	0	0	0	36	2.2%	
61A (Turner)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
62A (Union)	5	0	2	1	0	0	0	0	8	8	0	3	1	0	0	0	0	12	0.7%	
63A (Walworth)	8	0	2	0	4	0	1	0	15	1										

Archery Deer 1975-2018



APPRENTICE/YOUTH DEER

There were 4,845 single-tag antlerless licenses issued for the 2018 Apprentice Deer (formerly Youth Deer) hunting season (4,318 resident, 527 nonresident). All license holders were surveyed and 3,296 responses (69%) were received. Approximately 61% of hunters responded through the Internet.

The Apprentice season ran from September 8, 2018 through January 1, 2019. Respondents reported hunting an average of 3.85 days each, which projected to 18,671 recreation days for the season.

Projections for the season indicated that 264 whitetail bucks, 1,823 whitetail does, 35 mule deer bucks, and 377 mule deer does were harvested. The estimated total harvest for the Apprentice Deer season was 2,499, and the overall success rate was 52%. The four deer management units with the highest reported harvest were the Black Hills, Day, Butte, and Roberts, which accounted for 23% of the total apprentice season harvest.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.72.

Comparison of the 2010 - 2018 Apprentice/Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2010	7,261	414	46	2,790	457	3,708	51%	5.72	5.38
2011	7,033	339	43	2,349	322	3,053	43%	5.58	5.02
2012	6,110	321	33	2,387	305	3,046	50%	4.87	5.32
2013	5,548	346	32	1,756	344	2,477	45%	4.64	5.23
2014	5,038	317	37	1,924	287	2,565	51%	4.61	5.47
2015	5,331	329	33	2,137	333	2,831	53%	4.54	5.59
2016	4,861	322	29	1,896	324	2,571	53%	4.15	5.65
2017	5,325	292	35	2,072	426	2,825	53%	4.17	5.65
2018	4,845	264	35	1,823	377	2,499	52%	3.85	5.72

2018 Apprentice Deer Harvest Projections

Last Revised: 7-May-19 Unit	License Holders	Licenses Available	Licenses Sold			Response Rate	Hunter Success	Harvest Projections						Average Satisfaction Score **	Avg Days Hunted	
			Resident	Nonresident	Tags Sold			Whitetail			Mule Deer					Total Harvest
								Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide no Access permit	4,780	Unlimited	4,263	517	4,780	69%	51%	263	1,636	170	32	328	31	2,459	5.73	3.87
Statewide w/ Access permit	65	Unlimited	55	10	65	88%	61%	1	16	1	2	17	1	39	5.25	2.66
Totals	4,845		4,318	527	4,845	69.0%	51.6%	264	1,652	171	35	345	32	2,499	5.72	3.85

** Refers to a satisfaction scale of 1=very dissatisfied to 5=very satisfied

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2018 Access Permit Apprentice Deer Survey Results

Last Revised: 1-May-19															Average Satisfaction		Avg Days	
Unit	Permit Holders	Licenses Available	Permits Issued			Projected Hunted	Response Rate	Hunter Success	Tag Success	Harvest Projections						Total Harvest	Score **	Hunted
			Resident	Nonresident	Issued					Whitetail			Mule Deer					
										Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Brule Cty GPA Corps / 13L	24	Unlimited	24	0	24	1	92%	0%	0%	0	0	0	0	0	0	0	4.00	1.00
Custer Nat Forest / 35L	36	Unlimited	27	9	36	9	91%	38%	9%	0	0	0	1	2	0	3	5.38	2.63
Hill Ranch GPA / 27L	24	Unlimited	24	0	24	5	88%	0%	0%	0	0	0	0	0	0	0	5.50	2.00
Little Moreau GPA / 24B	19	Unlimited	17	2	19	6	95%	17%	6%	0	1	0	0	0	0	1	4.67	3.83
	65		92	11	103	20	87.5%	23.5%	4%	0	1	0	1	2	0	4	5.12	2.77

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections

Corey Huxoll

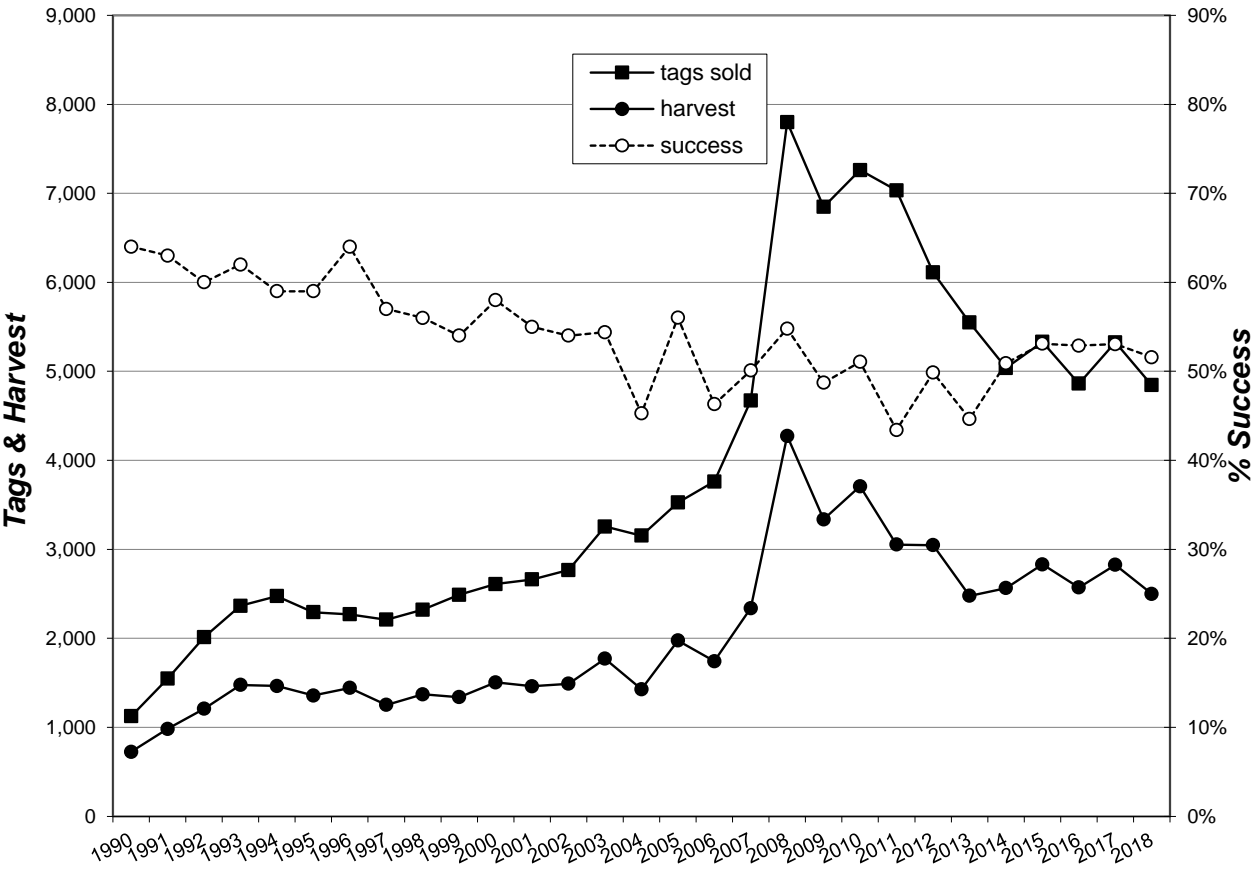
2018 Apprentice Deer Harvest Distribution by Management Unit

Last Revised:
07-May-19

Unit	Reported Harvest							Projected Harvest								
	Whitetail			Mule Deer				Whitetail			Mule Deer				Total	
	Bucks		Does	Bucks		Does	Bucks		Does	Bucks		Does				
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%	
01A (Minnehaha)	7	24	1	0	0	0	32	10	36	1	0	0	0	48	1.9%	
02A (NE Penn/SE Meade)	1	5	0	0	5	0	11	1	8	0	0	7	0	16	0.7%	
02C (SE Pennington)	1	6	1	0	2	0	10	1	9	1	0	3	0	15	0.6%	
03A (Brown)	1	31	1	0	0	0	33	1	47	1	0	0	0	50	2.0%	
04A (Beadle)	6	13	4	0	0	0	23	9	20	6	0	0	0	35	1.4%	
05A (Codington)	5	30	4	0	0	0	39	7	45	6	0	0	0	59	2.3%	
06A (Brookings)	5	26	1	0	0	0	32	7	39	1	0	0	0	48	1.9%	
07A (Yankton)	3	19	7	0	0	0	29	4	29	10	0	0	0	44	1.7%	
08A (Davison)	2	6	2	0	0	0	10	3	9	3	0	0	0	15	0.6%	
10A (Aurora)	6	14	0	0	0	0	20	9	21	0	0	0	0	30	1.2%	
11A (N Bennett)	0	3	0	1	2	0	6	0	5	0	1	3	0	9	0.4%	
11B (S Bennett)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%	
12A (Bon Homme)	4	16	0	0	0	1	21	6	24	0	0	0	2	32	1.3%	
13A (Brule)	1	12	0	0	3	1	17	1	18	0	0	4	2	25	1.0%	
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
14A (Buffalo)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%	
15A (Butte)	2	18	2	3	20	0	45	3	27	3	4	29	0	67	2.7%	
15B (SW Butte/Lawrence)	2	21	3	0	3	0	29	3	32	4	0	4	0	43	1.7%	
16A (Campbell)	2	6	1	0	2	1	12	3	9	1	0	3	2	18	0.7%	
17A (Charles Mix)	2	15	0	1	4	0	22	3	23	0	1	6	0	33	1.3%	
18A (Clark)	4	24	2	0	0	0	30	6	36	3	0	0	0	45	1.8%	
19A (Clay)	1	5	1	0	1	0	8	1	8	1	0	1	0	12	0.5%	
20A (Corson)	0	4	1	1	7	0	13	0	6	1	1	10	0	19	0.8%	
21A (E Custer/S Penn)	1	11	3	1	15	0	31	1	17	4	1	22	0	46	1.8%	
21B (C Custer/C Penn)	1	9	0	0	1	0	11	1	14	0	0	1	0	16	0.7%	
22A (Day)	2	33	5	0	0	0	40	3	50	7	0	0	0	60	2.4%	
23A (Deuel)	3	16	6	0	0	0	25	4	24	9	0	0	0	38	1.5%	
24A (Dewey)	0	4	3	0	3	0	10	0	6	4	0	4	0	15	0.6%	
24B (Little Moreau)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.1%	
25A (Douglas)	4	13	1	0	0	0	18	6	20	1	0	0	0	27	1.1%	
26A (Edmunds)	1	4	1	0	2	0	8	1	6	1	0	3	0	12	0.5%	
27A (NW FRiver/SW Cust)	0	4	0	1	3	0	8	0	6	0	1	4	0	12	0.5%	
27B (Fall River)	4	5	1	0	9	0	19	6	8	1	0	13	0	28	1.1%	
27L (Hill Ranch Area)	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0.1%	
28A (Faulk)	3	6	1	0	0	0	10	4	9	1	0	0	0	15	0.6%	
29A (Grant)	2	35	2	0	0	0	39	3	53	3	0	0	0	59	2.3%	
30A,B (Gregory)	1	24	2	0	4	1	32	1	36	3	0	6	2	48	1.9%	
31A (Haakon)	1	6	0	2	9	1	19	1	9	0	3	13	2	28	1.1%	
32A (Hamlin)	6	29	4	0	0	0	39	9	44	6	0	0	0	59	2.3%	
33A (Hand)	2	14	6	0	3	0	25	3	21	9	0	4	0	37	1.5%	
34A (Hanson)	2	5	2	0	0	0	9	3	8	3	0	0	0	14	0.5%	
35A (W Harding)	0	7	1	1	6	0	15	0	11	1	1	9	0	22	0.9%	
35C (E Harding)	2	1	0	0	8	1	12	3	2	0	0	12	2	18	0.7%	
35L (Custer Nat Forest)	0	6	1	1	4	0	12	0	9	1	1	6	0	18	0.7%	
36A (Hughes)	0	6	1	0	9	0	16	0	9	1	0	13	0	24	1.0%	
37A (Hutchinson)	2	7	0	0	0	0	9	3	11	0	0	0	0	14	0.5%	
38A (Hyde)	1	4	0	0	1	0	6	1	6	0	0	1	0	9	0.4%	
39A (N Jackson)	0	0	0	1	4	0	5	0	0	0	1	6	0	7	0.3%	
39B (S Jackson)	1	1	0	0	2	0	4	1	2	0	0	3	0	6	0.2%	
40A (Jerauld)	3	9	2	0	0	0	14	4	14	3	0	0	0	21	0.8%	
41A (Jones)	0	4	0	0	0	0	4	0	6	0	0	0	0	6	0.2%	
42A (Kingsbury)	3	18	2	0	0	0	23	4	27	3	0	0	0	35	1.4%	
43A (Lake)	5	17	2	0	0	0	24	7	26	3	0	0	0	36	1.4%	
44A (Lincoln)	4	18	1	0	0	0	23	6	27	1	0	0	0	35	1.4%	
45A (W Lyman)	1	5	1	0	3	0	10	1	8	1	0	4	0	15	0.6%	
45B (E Lyman)	2	5	0	0	7	0	14	3	8	0	0	10	0	21	0.8%	
45C (NE Lyman/SE Stanley)	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0.1%	
45D (Ft Pr Nat GrsInd)	0	5	0	0	4	0	9	0	8	0	0	6	0	13	0.5%	
46A (McCook)	9	25	2	0	0	0	36	13	38	3	0	0	0	54	2.2%	
47A (McPherson)	3	11	0	0	1	0	15	4	17	0	0	1	0	22	0.9%	
48A (Marshall)	2	15	0	0	0	0	17	3	23	0	0	0	0	26	1.0%	
49A (W Meade)	2	22	1	1	6	1	33	3	33	1	1	9	2	49	2.0%	
49B (NE Meade)	0	2	1	1	8	0	12	0	3	1	1	12	0	18	0.7%	
50A,B (Mellette)	2	12	1	1	7	0	23	3	18	1	1	10	0	34	1.4%	
51A (Miner)	1	13	1	0	0	0	15	1	20	1	0	0	0	23	0.9%	
52A (Moody)	6	25	2	1	0	0	34	9	38	3	1	0	0	51	2.0%	
53A (N Perkins)	0	8	0	0	12	1	21	0	12	0	0	18	2	31	1.3%	
53C (S Perkins)	1	4	0	1	6	5	17	1	6	0	1	9	8	25	1.0%	
54A (Potter)	0	3	0	0	5	0	8	0	5	0	0	7	0	12	0.5%	
55A (Roberts)	6	39	4	0	0	0	49	9	59	6	0	0	0	74	2.9%	
56A (Sanborn)	0	6	0	0	0	0	6	0	9	0	0	0	0	9	0.4%	
57A (Spink)	2	16	5	0	1	0	24	3	24	7	0	1	0	36	1.4%	
58A (Stanley)	1	5	0	1	8	2	17	1	8	0	1	12	3	25	1.0%	
59A (W Sully)	0	5	0	1	5	0	11	0	8	0	1	7	0	16	0.7%	
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
60A (Tripp)	2	15	0	0	3	1	21	3	23	0	0	4	2	31	1.3%	
61A (Turner)	5	20	1	0	0	0	26	7	30	1	0	0	0	39	1.6%	
62A (Union)	7	20	2	0	0	0	29	10	30	3	0	0	0	44	1.7%	
63A (Walworth)	1	7	2	0	2	1	13	1	11	3	0	3	2	19	0.8%	
64A (Ziebach)	0	2	0	0	1	0	3	0	3	0	0	1	0	4	0.2%	
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
67A (Todd)	0	2	0	1	0	0	3	0	3	0	1	0	0	4	0.2%	
BH (Black Hills)	14	189	13	3	21	4	244	21	284	19	4	31	6	366	14.6%	
Unknown	3	23	2	0	3	1	32									
TOTALS	179	1,123	116	24	237	22	1,701	264	1,652	171	35	345	32	2,499		

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only!

Apprentice Deer 1990-2018



MENTORED YOUTH DEER

There were 5,357 resident single-tag antlerless mentored youth deer licenses issued for 2018. All mentors/hunters were surveyed and 3,884 responses (73%) were received. Approximately 69% of mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Apprentice Deer season which ran from September 8, 2018 through January 1, 2019. Respondents reported hunting an average of 3.61 days each, which projected to 19,347 recreation days for the season.

Projections for the season indicated that a total of 324 whitetail bucks, 2,335 whitetail does, 51 mule deer bucks, and 439 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 2,824, and the overall success rate was 53%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Gregory, Hand, and Hamlin.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.89.

Summary for the 2010-2018 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2010	2,174	128	17	947	152	1,244	57%	3.72	5.94
2011	2,335	143	14	872	171	1,200	51%	4.16	5.70
2012	2,497	207	28	1,015	182	1,431	57%	3.77	5.78
2013	2,939	179	14	1,028	154	1,375	47%	3.87	5.57
2014	3,096	214	29	1,187	167	1,595	52%	3.98	5.70
2015	3,646	261	25	1,556	243	2,086	57%	3.96	5.89
2016	3,646	287	30	1,495	301	2,114	58%	3.56	5.85
2017	4,069	230	31	1,567	320	2,147	53%	3.78	5.83
2018	5,357	324	51	2,335	439	2,824	53%	3.61	5.89

2018 Mentored Youth Deer Harvest Projections

Last Revised:

7-May-19

Unit	Licenses		Licenses Sold		Response Rate	Hunter Success	Whitetail			Mule Deer			Total Harvest	Satisfaction Score **	Days Hunted	
	Licenses Available		Resident	Nonresident			Tags Sold	Bucks	Does	Doe Fawns	Bucks	Does				Doe Fawns
Statewide no Access permit	5,298	Unlimited	5,298	0	5,298	73%	53%	319	1,723	264	51	399	35	2,791	5.89	3.61
Statewide w/ Access permit	59	Unlimited	59	0	59	80%	57%	5	21	3	0	3	3	34	6.10	3.57
Totals	5,357		5,357	0	5,357	72.9%	52.7%	324	1,745	266	51	402	37	2,824	5.89	3.61

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2018 Access Permit Mentored Youth Deer Survey Results

Last Revised:

1-May-19

Unit	Holders	Available	Resident	Nonresident	Issued	Hunted	Rate	Success	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Brule Cty GPA Corps / 13L	25	Unlimited	25	0	25	6	88%	40%	9%	0	1	0	0	0	1	2	6.60	2.60
Custer Nat Forest / 35L	30	Unlimited	30	0	30	4	80%	0%	0%	0	0	0	0	0	0	0	5.00	1.00
Hill Ranch GPA / 27L	18	Unlimited	18	0	18	5	78%	100%	29%	1	4	0	0	0	0	5	6.50	2.00
Little Moreau GPA / 24B	6	Unlimited	6	0	6	0	67%		0%	0	0	0	0	0	0	0	0.00	
	59		79	0	79	15	79.7%	33.3%	9%	1	5	0	0	0	1	7	6.15	1.98

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Mentored Youth Deer Harvest Distribution by Management Unit

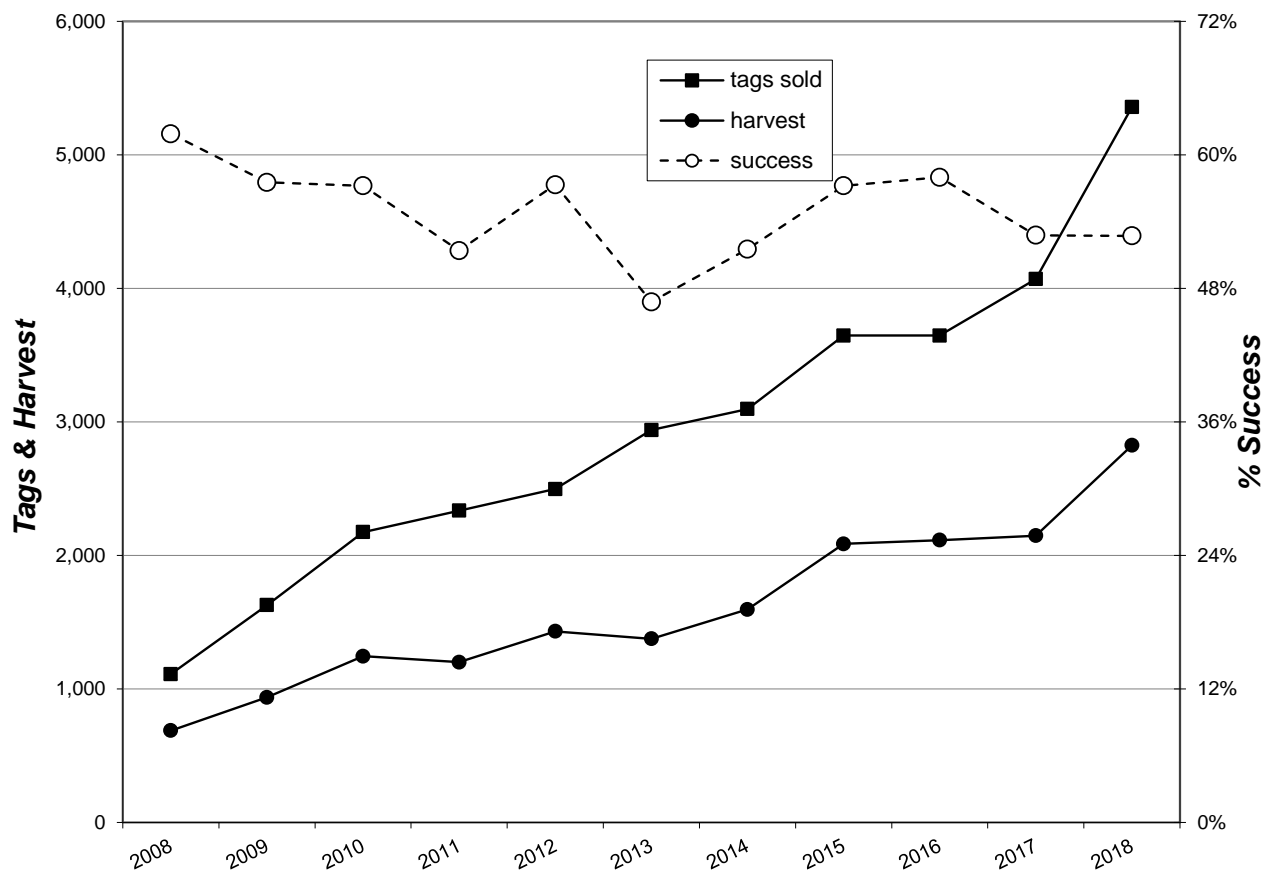
Last Revised:
07-May-19

Unit	Reported Harvest								Projected Harvest									
	Whitetail				Mule Deer				Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does		Estimate	%
	Fawn	Adult	Fawn		Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn		Fawn	Adult	Fawn			
01A (Minnehaha)	10	36	3		1	0	0	50	14	51	4		1	0	0		70	2.5%
02A (NE Penn/SE Meade)	0	2	2		0	12	1	17	0	3	3		0	17	1		24	0.8%
02C (SE Pennington)	0	6	2		1	4	0	13	0	8	3		1	6	0		18	0.6%
03A (Brown)	10	31	5		0	0	0	46	14	44	7		0	0	0		65	2.3%
04A (Beadle)	5	22	7		0	0	0	34	7	31	10		0	0	0		48	1.7%
05A (Codington)	5	33	9		0	0	0	47	7	46	13		0	0	0		66	2.3%
06A (Brookings)	4	27	4		0	0	0	35	6	38	6		0	0	0		49	1.7%
07A (Yankton)	8	23	6		0	0	0	37	11	32	9		0	0	0		52	1.8%
08A (Davison)	3	7	1		0	1	0	12	4	10	1		0	1	0		17	0.6%
10A (Aurora)	7	12	5		0	1	0	25	10	17	7		0	1	0		35	1.2%
11A (N Bennett)	1	3	0		0	1	0	5	1	4	0		0	1	0		7	0.2%
11B (S Bennett)	0	2	0		0	1	0	3	0	3	0		0	1	0		4	0.1%
12A (Bon Homme)	4	14	3		0	1	0	22	6	20	4		0	1	0		31	1.1%
13A (Brule)	1	13	0		0	6	2	22	1	18	0		0	8	3		31	1.1%
13L (Brule GPA's/Corps)	0	1	0		0	0	1	2	0	1	0		0	0	1		3	0.1%
14A (Buffalo)	0	7	0		0	2	0	9	0	10	0		0	3	0		13	0.4%
15A (Butte)	2	18	1		4	19	3	47	3	25	1		6	27	4		66	2.3%
15B (SW Butte/Lawrence)	4	19	3		2	7	1	36	6	27	4		3	10	1		51	1.8%
16A (Campbell)	3	9	0		0	8	0	20	4	13	0		0	11	0		28	1.0%
17A (Charles Mix)	4	24	4		1	10	0	43	6	34	6		1	14	0		60	2.1%
18A (Clark)	3	30	1		0	0	0	34	4	42	1		0	0	0		48	1.7%
19A (Clay)	3	16	3		0	0	0	22	4	22	4		0	0	0		31	1.1%
20A (Corson)	1	4	0		1	3	1	10	1	6	0		1	4	1		14	0.5%
21A (E Custer/S Penn)	1	15	2		1	7	1	27	1	21	3		1	10	1		38	1.3%
21B (C Custer/C Penn)	1	8	0		0	0	2	11	1	11	0		0	0	3		15	0.5%
22A (Day)	3	31	2		0	0	0	36	4	44	3		0	0	0		51	1.8%
23A (Deuel)	3	23	2		0	0	0	28	4	32	3		0	0	0		39	1.4%
24A (Dewey)	2	5	0		0	5	0	12	3	7	0		0	7	0		17	0.6%
24B (Little Moreau)	0	0	0		0	0	0	0	0	0	0		0	0	0		0	0.0%
25A (Douglas)	5	8	3		0	0	0	16	7	11	4		0	0	0		23	0.8%
26A (Edmunds)	0	7	3		0	0	0	10	0	10	4		0	0	0		14	0.5%
27A (NW FRiver/SW Cust)	0	4	0		1	8	0	13	0	6	0		1	11	0		18	0.6%
27B (Fall River)	1	4	0		1	7	0	13	1	6	0		1	10	0		18	0.6%
27L (Hill Ranch Area)	1	3	0		0	1	0	5	1	4	0		0	1	0		7	0.2%
28A (Faulk)	1	10	0		0	0	0	11	1	14	0		0	0	0		15	0.5%
29A (Grant)	9	22	6		0	0	0	37	13	31	9		0	0	0		52	1.8%
30A,B (Gregory)	5	35	5		0	2	1	48	7	49	7		0	3	1		67	2.4%
31A (Haakon)	3	6	5		1	21	1	37	4	8	7		1	29	1		52	1.8%
32A (Hamlin)	0	46	6		1	1	0	54	0	65	9		1	1	0		76	2.7%
33A (Hand)	1	42	7		0	0	0	50	1	59	10		0	0	0		70	2.5%
34A (Hanson)	1	12	0		0	0	0	13	1	17	0		0	0	0		18	0.6%
35A (W Harding)	1	5	1		1	9	0	17	1	7	1		1	13	0		24	0.8%
35C (E Harding)	1	2	0		1	3	1	8	1	3	0		1	4	1		11	0.4%
35L (Custer Nat Forest)	0	0	1		0	2	0	3	0	0	1		0	3	0		4	0.1%
36A (Hughes)	3	9	0		1	5	0	18	4	13	0		1	7	0		25	0.9%
37A (Hutchinson)	2	12	2		0	0	0	16	3	17	3		0	0	0		22	0.8%
38A (Hyde)	1	7	0		0	1	0	9	1	10	0		0	1	0		13	0.4%
39A (N Jackson)	1	3	0		0	8	0	12	1	4	0		0	11	0		17	0.6%
39B (S Jackson)	0	0	0		0	4	0	4	0	0	0		0	6	0		6	0.2%
40A (Jerauld)	2	6	2		0	1	1	12	3	8	3		0	1	1		17	0.6%
41A (Jones)	1	4	0		0	9	1	15	1	6	0		0	13	1		21	0.7%
42A (Kingsbury)	3	25	3		0	0	0	31	4	35	4		0	0	0		44	1.5%
43A (Lake)	2	17	4		0	0	0	23	3	24	6		0	0	0		32	1.1%
44A (Lincoln)	5	17	1		0	0	0	23	7	24	1		0	0	0		32	1.1%
45A (W Lyman)	4	9	0		0	5	1	19	6	13	0		0	7	1		27	0.9%
45B (E Lyman)	1	9	1		1	3	0	15	1	13	1		1	4	0		21	0.7%
45C (NE Lyman/SE Stanley)	0	2	0		0	1	0	3	0	3	0		0	1	0		4	0.1%
45D (Ft Pr Nat Grslnd)	0	2	1		0	2	0	5	0	3	1		0	3	0		7	0.2%
46A (McCook)	3	21	2		0	0	1	27	4	29	3		0	0	1		38	1.3%
47A (McPherson)	4	14	3		0	0	0	21	6	20	4		0	0	0		30	1.0%
48A (Marshall)	4	17	1		0	0	0	22	6	24	1		0	0	0		31	1.1%
49A (W Meade)	3	25	4		0	4	0	36	4	35	6		0	6	0		51	1.8%
49B (NE Meade)	5	9	2		2	10	1	29	7	13	3		3	14	1		41	1.4%
50A,B (Mellette)	2	8	0		0	8	0	18	3	11	0		0	11	0		25	0.9%
51A (Miner)	6	11	6		0	0	0	23	8	15	9		0	0	0		32	1.1%
52A (Moody)	6	17	3		0	0	0	26	8	24	4		0	0	0		37	1.3%
53A (N Perkins)	1	7	2		1	15	2	28	1	10	3		1	21	3		39	1.4%
53C (S Perkins)	5	4	2		3	10	0	24	7	6	3		4	14	0		34	1.2%
54A (Potter)	1	14	1		0	4	0	20	1	20	1		0	6	0		28	1.0%
55A (Roberts)	7	30	7		0	0	0	44	10	42	10		0	0	0		62	2.2%
56A (Sanborn)	5	12	0		1	1	0	19	7	17	0		1	1	0		27	0.9%
57A (Spink)	3	21	3		0	0	0	27	4	29	4		0	0	0		38	1.3%
58A (Stanley)	2	6	1		5	8	0	22	3	8	1		7	11	0		31	1.1%
59A (W Sully)	0	4	1		1	10	2	18	0	6	1		1	14	3		25	0.9%
59B (E Sully)	0	6	0		0	0	0	6	0	8	0		0	0	0		8	0.3%
60A (Tripp)	3	32	0		0	4	1	40	4	45	0		0	6	1		56	2.0%
61A (Turner)	2	19	5		0	1	0	27	3	27	7		0	1	0		38	1.3%
62A (Union)	6	22	5		0	0	0	33	8	31	7		0	0	0		46	1.6%
63A (Walworth)	3	6	2		0	5	1	17	4	8	3		0	7	1		24	0.8%
64A (Ziebach)	0	5	0		1	6	0	12	0	7	0		1	8	0		17	0.6%
65A (Oglala Lakota)	0	1	0		0	1	0	2	0	1	0		0	1	0		3	0.1%
67A (Todd)	0	4	0		0	0	0	4	0	6	0		0	0	0		6	0.2%
BH (Black Hills)	18	159	21		2	19	0	219	25	223	30		3	27	0		308	10.9%
Unknown	4	22	6		2	4	1	39										
TOTALS	235	1,265	193		37	291	27	2,048	324	1,745	266		51	402	37		2,824	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

Mentored Youth Deer 2008-2018



MUZZLELOADER DEER

There were 2,353 “antlerless whitetail” licenses (2,233 resident, 120 nonresident) and 1,030 “any deer” licenses issued for the 2018 Muzzleloader Deer season, which represented a total of 3,383 tags. All license holders were surveyed and 2,583 responded for a response rate of 78%. Approximately 75% of muzzleloader hunters used the Internet to respond.

The 2018 Muzzleloader season was open from December 1, 2018 through January 1, 2019. There were 8,191 applicants for the 1,000 “any deer” licenses. Respondents averaged 4.44 days of hunting for a projected total of 14,688 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,208 deer (275 whitetail bucks, 808 whitetail does, 110 mule deer bucks, and 14 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.01 (1 = very dissatisfied, 7 = very satisfied).

The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Brookings, Lake, and Union accounting for approximately 45% of the total season harvest.

Summary comparison of the 2010-2018 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest						Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total	Success		
	Res	Nonres	WT	Mule	WT	Mule				
2010	5,509	374	546	101	1,991	280	2,919	38%	4.48	4.98
2011	4,747	265	308	83	1,113	216	1,720	26%	4.82	4.36
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03
2017	3,304	128	263	117	865	4	1,251	36%	4.39	5.10
2018	3,263	120	275	110	808	14	1,208	36%	4.44	5.01

2018 Muzzleloader Deer Harvest Projections

Last Revised: 7-May-19 Unit	License Holders	Licenses Available	Licenses Sold			Response Rate	Hunter Success	Tag Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf
			Resident	Nonresident	Tags Sold				Whitetail				Mule Deer						
									Bucks		Does		Bucks		Does				
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
Statewide no Access permit	3,178	Unlimited	3,128	112	3,240	78%	35%	35%	164	95	725	62	80	1	13	1	1,140	4.40	5.00
Statewide w/ Access permit	129	Unlimited	135	8	143	84%	50%	47%	12	4	18	4	29	0	0	0	68	5.50	5.23
Totals	3,307		3,263	120	3,383	78.4%	36.1%	36%	176	99	743	65	109	1	13	1	1,208	4.44	5.01

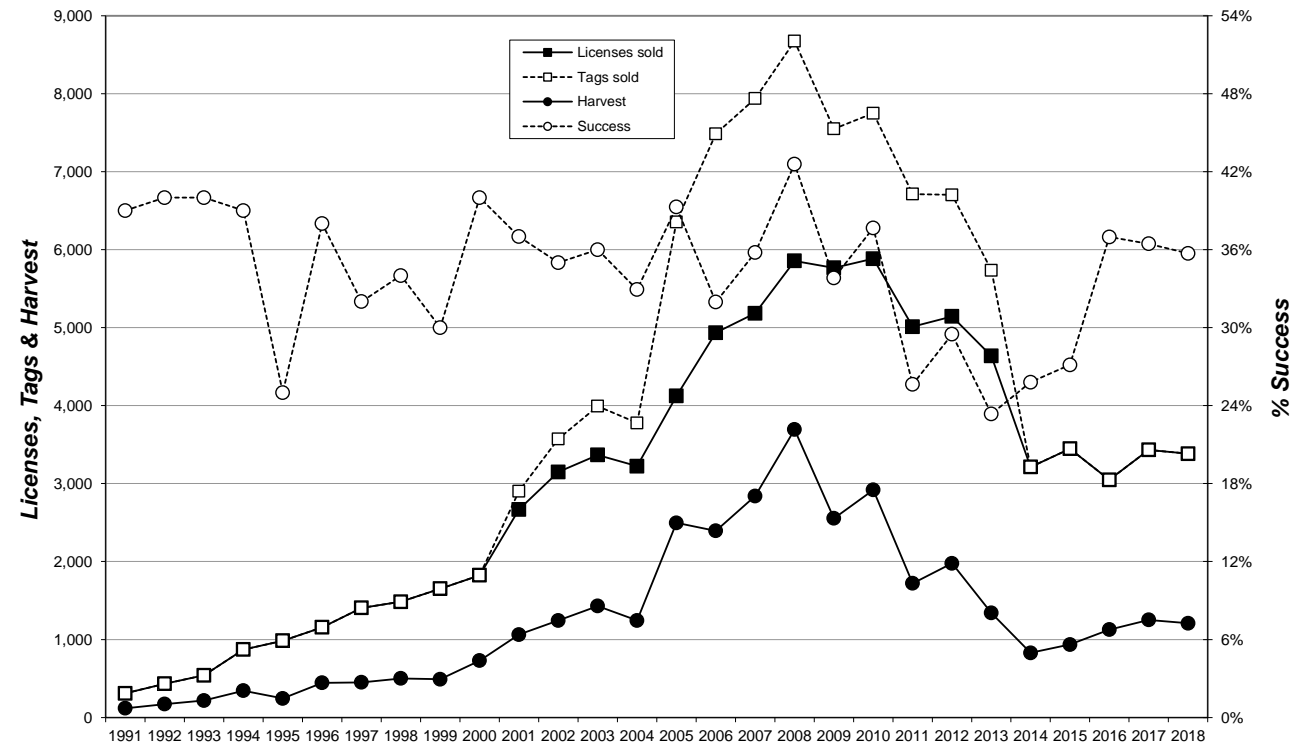
2018 Access Permit Muzzleloader Deer Survey Results

Last Revised: 1-May-19 Unit	Permit Holders	Permits Available	Permits Issued		Sold	Projected Hunted	Response Rate	Hunter Success	Permit Success	Harvest Projections								Total Deer Harvest	Avg Days Hunted	Avg Satisf
										Whitetail				Mule Deer						
			Bucks							Does		Bucks		Does						
			Adult	Fawn						Adult	Fawn	Adult	Fawn	Adult	Fawn					
Custer Nat Forest / 35L	72	Unlimited	72	0	72	38	87%	19%	10%	0	0	0	0	7	0	0	0	7	2.53	5.34
Hill Ranch GPA / 27L	17	Unlimited	17	0	17	3	67%	0%	0%	0	0	0	0	0	0	0	0	0	1.50	6.50
Little Moreau GPA / 24B	55	Unlimited	47	8	55	23	81%	17%	7%	1	1	1	0	0	0	0	0	4	3.78	4.89
Brule GPA/Corps / 13L	20	Unlimited	20	0	20	4	75%	0%	0%	0	0	0	0	0	0	0	0	0	1.17	4.67
	129		156	8	164	61	84.0%	18.0%	7%	1	1	1	0	7	0	0	0	11	3.11	5.21

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Muzzleloader Deer Harvest Distribution by Management Unit																			
County	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks	Does			Bucks	Does				Bucks	Does			Bucks	Does			Estimate	%
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	6	3	31	4	0	0	0	0	44	8	4	41	6	0	0	0	0	59	4.9%
02A (NE Penn/SE Meade)	2	0	4	0	3	0	0	0	9	3	0	5	0	4	0	0	0	12	1.0%
02C (SE Pennington)	2	2	9	3	1	0	1	0	18	3	3	12	4	1	0	1	0	24	2.0%
03A (Brown)	1	3	11	1	0	0	0	0	16	1	4	15	1	0	0	0	0	21	1.8%
04A (Beadle)	2	1	9	1	0	0	0	0	13	3	1	12	1	0	0	0	0	17	1.4%
05A (Codington)	2	1	1	0	0	0	0	0	4	3	1	1	0	0	0	0	0	5	0.4%
06A (Brookings)	4	3	47	1	0	0	0	0	55	5	4	63	1	0	0	0	0	73	6.1%
07A (Yankton)	4	2	9	1	0	0	1	0	17	5	3	12	1	0	0	1	0	23	1.9%
08A (Davison)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
10A (Aurora)	1	1	3	2	0	0	0	0	7	1	1	4	3	0	0	0	0	9	0.8%
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	4	2	12	1	0	0	0	0	19	5	3	16	1	0	0	0	0	25	2.1%
13A (Brule)	0	0	5	0	1	0	0	0	6	0	0	7	0	1	0	0	0	8	0.7%
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
14A (Buffalo)	1	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	3	0.2%
15A (Butte)	1	1	6	0	1	0	0	0	9	1	1	8	0	1	0	0	0	12	1.0%
15B (SW Butte/Lawrence)	2	2	7	1	1	0	0	0	13	3	3	9	1	1	0	0	0	17	1.4%
16A (Campbell)	3	0	3	0	1	0	0	0	7	4	0	4	0	1	0	0	0	9	0.8%
17A (Charles Mix)	1	0	3	1	1	0	0	0	6	1	0	4	1	1	0	0	0	8	0.7%
18A (Clark)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%
19A (Clay)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%
20A (Corson)	2	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	5	0.4%
21A (E Custer/S Penn)	4	0	7	1	6	0	1	0	19	5	0	9	1	8	0	1	0	25	2.1%
21B (C Custer/C Penn)	0	2	8	0	2	0	0	0	12	0	3	11	0	3	0	0	0	16	1.3%
22A (Day)	2	0	2	0	0	0	0	0	4	3	0	3	0	0	0	0	0	5	0.4%
23A (Deuel)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%
24A (Dewey)	2	0	1	0	1	0	0	0	4	3	0	1	0	1	0	0	0	5	0.4%
24B (Little Moreau)	1	1	1	0	0	0	0	0	3	1	1	1	0	0	0	0	0	4	0.3%
25A (Douglas)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
26A (Edmunds)	0	1	3	1	0	0	0	0	5	0	1	4	1	0	0	0	0	7	0.6%
27A (NW FRiver/SW Cust)	0	0	3	0	2	0	1	0	6	0	0	4	0	3	0	1	0	8	0.7%
27B (Fall River)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%
27L (Hill Ranch Area)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
28A (Faulk)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
29A (Grant)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	0.3%
30A,B (Gregory)	2	1	15	1	0	0	1	0	20	3	1	20	1	0	0	1	0	27	2.2%
31A (Haakon)	2	0	3	0	2	0	0	0	7	3	0	4	0	3	0	0	0	9	0.8%
32A (Hamlin)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%
33A (Hand)	1	0	4	0	0	0	0	0	5	1	0	5	0	0	0	0	0	7	0.6%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (W Harding)	1	0	3	0	6	0	1	0	11	1	0	4	0	8	0	1	0	14	1.2%
35C (E Harding)	0	0	0	0	4	0	0	0	4	0	0	0	0	5	0	0	0	5	0.4%
35L (Custer Nat Forest)	2	0	4	0	6	0	0	0	12	3	0	5	0	8	0	0	0	16	1.3%
36A (Hughes)	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%
37A (Hutchinson)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.3%
38A (Hyde)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39B (S Jackson)	0	0	0	0	2	0	0	1	3	0	0	0	0	3	0	0	1	4	0.3%
40A (Jerauld)	0	0	9	0	0	0	0	0	9	0	0	12	0	0	0	0	0	12	1.0%
41A (Jones)	1	0	0	0	1	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%
42A (Kingsbury)	1	1	5	0	0	0	0	0	7	1	1	7	0	0	0	0	0	9	0.8%
43A (Lake)	1	5	13	2	0	0	1	0	22	1	7	17	3	0	0	1	0	29	2.4%
44A (Lincoln)	1	3	13	3	0	0	0	0	20	1	4	17	4	0	0	0	0	27	2.2%
45A (W Lyman)	0	1	4	1	1	0	0	0	7	0	1	5	1	1	0	0	0	9	0.8%
45B (E Lyman)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grslnd)	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	1	0.1%
46A (McCook)	3	3	10	0	0	0	0	0	16	4	4	13	0	0	0	0	0	21	1.8%
47A (McPherson)	6	0	3	0	0	0	0	0	9	8	0	4	0	0	0	0	0	12	1.0%
48A (Marshall)	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0.1%
49A (W Meade)	4	0	7	0	1	0	0	0	12	5	0	9	0	1	0	0	0	16	1.3%
49B (NE Meade)	1	0	6	0	1	0	0	0	8	1	0	8	0	1	0	0	0	11	0.9%
50A,B (Mellette)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.2%
51A (Miner)	2	3	9	0	0	0	0	0	14	3	4	12	0	0	0	0	0	19	1.5%
52A (Moody)	2	1	7	2	0	0	0	0	12	3	1	9	3	0	0	0	0	16	1.3%
53A (N Perkins)	3	0	2	1	3	0	0	0	9	4	0	3	1	4	0	0	0	12	1.0%
53C (S Perkins)	0	0	2	0	3	0	1	0	6	0	0	3	0	4	0	1	0	8	0.6%
54A (Potter)	1	0	2	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4	0.3%
55A (Roberts)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	0	0	3	0.2%
56A (Sanborn)	2	1	5	1	0	0	0	0	9	3	1	7	1	0	0	0	0	12	1.0%
57A (Spink)	1	1	4	0	0	0	0	0	6	1	1	5	0	0	0	0	0	8	0.7%
58A (Stanley)	0	0	0	0	10	0	1	0	11	0	0	0	0	13	0	1	0	14	1.2%
59A (W Sully)	2	1	4	0	2	0	0	0	9	3	1	5	0	3	0	0	0	12	1.0%
59B (E Sully)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
60A (Tripp)	4	1	11	0	0	0	1	0	17	5	1	15	0	0	0	1	0	23	1.9%
61A (Turner)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7	0.6%
62A (Union)	3	7	22	1	0	0	0	0	33	4	9	29	1	0	0	0	0	44	3.6%
63A (Walworth)	1	0	0	1	3	0	0	0	5	1	0	0	1	4	0	0	0	7	0.5%
64A (Ziebach)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.2%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	18	19	191	16	12	1	0	0	257	24	25	254	22	16	0	0	0	341	28.3%
Unknown	6	3	22	4	2	0	0												

Muzzleloader Deer 1991-2018



LANDOWNER FREE ANTLERLESS DEER

There were 377 free single-tag antlerless white-tailed deer licenses issued to qualifying resident landowners for the 2018 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Apprentice Deer hunting seasons. All license holders were surveyed and 200 responses (65%) were received. Approximately 52% of hunters responded through the Internet.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 8, 2018 through January 1, 2019. Respondents reported hunting an average of 2.99 days each, which projected to 3,531 recreation days.

Projections for the season estimated that a total of 14 whitetail bucks, 153 whitetail does, 2 mule deer bucks, and 5 mule deer does were harvested. The total harvest for the Free Antlerless Landowner licenses was 173, and the overall success rate was 46%. The five deer management units with the highest reported harvest were Butte, SW Butte/Lawrence, Edmunds, McPherson, and Potter.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.27.

Summary of the 2011-2018 Free Landowner Antlerless Deer license statistics

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,005	91	9	709	104	913	46%	3.80	4.78
2012	1,271	30	0	479	37	546	43%	3.02	4.92
2013	1,390	35	3	359	32	430	31%	3.50	4.72
2014	Closed								
2015	Closed								
2016	628	36	0	264	3	303	48%	3.54	5.15
2017	349	9	0	159	6	173	49%	3.59	5.10
2018	377	14	2	153	5	173	46%	2.99	5.27

2018 Free Antlerless Landowner Own Land Harvest Projections

Last Revised: 07-May-19

Last Revised: 07-May-19							Harvest Projections													
Unit	Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted			
	Avail.	Sold					Bucks		Does		Bucks		Does							
							Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
Statewide	Unltd	377	377	65%	50%	46%	0	14	139	14	0	2	3	2	173	5.27	2.99			

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 Statewide Free Antlerless LOL Harvest Distribution																
County	Reported Harvest								Projected Harvest							
	Whitetail				Mule Deer				Whitetail				Mule Deer			
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does	
	Fawn	Adult	Fawn	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Fawn	Adult	Fawn	Total
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02A (NE Penn/SE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02C (SE Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
03A (Brown)	0	3	0	0	0	0	0	3	0	5	0	0	0	0	0	2.7%
04A (Beadle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
05A (Codington)	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0.9%
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
07A (Yankton)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
13A (Brule)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte)	0	21	2	0	0	0	0	23	0	32	3	0	0	0	0	20.5%
15B (SW Butte/Lawrence)	1	8	1	0	0	0	0	10	2	12	2	0	0	0	0	8.9%
16A (Campbell)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
17A (Charles Mix)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
18A (Clark)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
19A (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21A (E Custer/S Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21B (C Custer/C Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
22A (Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	3	6	1	0	0	0	0	10	5	9	2	0	0	0	0	8.9%
27A (NW FRiver/SW Cust)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
27B (Fall River)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
28A (Faulk)	0	6	2	0	0	0	0	8	0	9	3	0	0	0	0	7.1%
29A (Grant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
30A,B (Gregory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
33A (Hand)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (W Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35C (E Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
38A (Hyde)	0	2	0	0	0	0	0	2	0	3	0	0	0	0	0	1.8%
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39B (S Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
42A (Kingsbury)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
43A (Lake)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45A (W Lyman)	0	4	0	0	0	0	0	4	0	6	0	0	0	0	0	3.6%
45B (E Lyman)	0	2	0	0	0	0	0	2	0	3	0	0	0	0	0	1.8%
45C (NE Lyman/SE Stanley)	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0.9%
45D (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
46A (McCook)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
47A (McPherson)	2	12	2	1	0	1	0	18	3	19	3	2	0	2	0	16.1%
48A (Marshall)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
49A (W Meade)	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0.9%
49B (NE Meade)	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0.9%
50A,B (Mellette)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
51A (Miner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
53A (N Perkins)	1	5	1	0	1	0	0	8	2	8	2	0	2	0	0	7.1%
53C (S Perkins)	1	5	0	0	1	0	0	7	2	8	0	0	2	0	0	6.3%
54A (Potter)	0	11	0	0	0	0	0	11	0	17	0	0	0	0	0	9.8%
55A (Roberts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
57A (Spink)	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	0.9%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59A (W Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
62A (Union)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth)	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0.9%
64A (Ziebach)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
TOTALS	9	90	9	1	2	1	112	14	139	14	2	3	2	173		
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units. Use these figures for approximations only!																

WEST RIVER FIREARM DEER

There were 23,726 licenses issued for the 2018 West River Firearm Deer season (20,163 regular, 993 Special Buck and 2,570 Landowner Own Land Only) for a total of 28,875 tags.

The West River season was open 16 days from November 10-25 in most units. Unit 30A in Gregory County was open from Nov. 3-6 and 19-25.

A random sample of 9,004 license holders was taken from the regular West River season, 2,555 from the Landowner Own Land Only licenses, and 989 from the Special Buck licenses. All hunters that listed an email address were surveyed using Qualtrics Software for the first attempt. Approximately 54% of regular season, 35% of Landowner Own Land, and 65% of Special Buck hunters surveyed through email responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 77% for regular West River Deer, 66% for Landowner Own Land and 82% for Special Buck. Of all responding hunters, 66% of regular West River, 48% of Landowner Own Land and 77% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.30 days in the regular West River season, 3.91 days for landowner and 3.47 days in the Special Buck. These averages projected to a total of 76,790 recreation days for all West River firearm deer seasons.

The West River projected deer harvest was 12,871 for the regular season, 1,968 for landowner on own land, and 789 for the Special Buck licenses. Success rates were 54% for the regular season, 47% for landowner and 79% for Special Buck.

The mean satisfaction score for those responding to the regular West River season was 5.10 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2010-2018 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest					Tag Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule	Total			
2010	27,655	59,674	4,259	9,146	11,009	5,759	11,665	5,537	33,970	49%	3.53	5.21
2011	25,917	57,091	3,978	8,645	11,139	4,456	12,301	3,901	31,797	48%	3.64	5.00
2012	22,511	44,080	3,143	6,173	8,606	3,650	8,946	2,391	23,594	47%	3.63	4.96
2013	22,422	44,118	3,216	6,257	7,749	3,358	5,785	1,678	18,570	37%	3.56	4.46
2014	20,736	23,533	2,035	2,216	7,646	3,246	2,415	334	13,642	53%	3.25	4.88
2015	20,417	23,405	2,394	2,547	9,091	3,673	2,521	246	15,528	60%	3.12	5.27
2016	21,974	28,565	2,510	3,086	8,789	3,885	3,805	354	16,384	53%	3.33	5.13
2017	21,310	26,057	2,322	2,679	7,977	4,384	3,224	399	15,984	56%	3.28	5.05
2018	21,389	26,184	2,337	2,691	7,731	4,200	3,270	427	15,628	54%	3.38	5.10

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 West River Deer Harvest Projections

Last Revised:

02-May-19

Last Revised: 02-May-19	Harvest Projections																					
	Licenses				Whitetail										Mule Deer				Total		Mean	Average
	Resident		Nonresident		Tags sold	Response Rate	Hunter Success	Tag Success	Bucks		Does		Bucks		Does		Total Deer	CI (95%)	Satisf	Days		
	Avail.	Sold	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
Unit	Avail.	Sold	Avail.	Sold	Tags sold	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Rating	Hunted		
02A (NE Penn/SE Meade)	600	602	48	47	864	79%	57%	47%	141	5	33	3	210	0	13	0	404	+/-41	4.96	3.51		
02C (SE Pennington)	150	155	12	12	167	75%	62%	62%	37	0	1	0	64	0	0	1	104	+/-8	5.40	3.20		
11A (N Bennett)	250	248	20	22	270	81%	64%	63%	89	0	17	3	52	0	9	0	170	+/-12	5.23	3.39		
11B (S Bennett)	225	222	18	19	241	78%	49%	49%	80	2	8	0	27	2	0	0	118	+/-12	4.85	3.61		
15A (Butte)	1,100	1,104	88	88	2,163	69%	66%	51%	408	36	458	41	154	0	9	0	1,106	+/-116	5.07	3.50		
15B (SW Butte/Lawrence)	800	795	64	70	1,568	77%	68%	52%	364	38	338	22	54	0	0	0	816	+/-77	5.38	3.92		
20A (Corson)	400	400	32	32	432	76%	64%	64%	191	4	19	0	60	2	0	0	276	+/-20	5.23	3.73		
21A (E Custer/S Penn)	300	308	24	24	332	75%	70%	70%	140	2	11	0	80	0	0	0	233	+/-15	5.37	3.72		
21B (C Custer/C Penn)	200	201	16	16	217	75%	57%	57%	82	2	20	0	19	0	2	0	124	+/-11	5.27	3.34		
24A (Dewey)	450	428	36	58	486	74%	54%	55%	143	11	72	4	37	0	2	0	269	+/-24	5.27	3.16		
24B (Little Moreau)	20	20	2	2	22	91%	70%	70%	6	1	8	1	0	0	0	0	15	+/-1	6.06	2.95		
27A (NW FRiver/SW Cust)	100	104	8	8	112	78%	71%	71%	15	0	1	0	62	0	1	0	80	+/-5	5.69	3.48		
27B (Fall River)	500	503	40	39	542	78%	56%	56%	145	0	51	0	96	0	9	0	301	+/-26	5.02	3.41		
27L (Hill Ranch)	20	20	2	2	22	95%	57%	57%	10	0	0	0	2	0	0	0	13	+/-1	4.79	3.43		
30A,B (Gregory)	1,250	1,250	100	100	1,566	78%	51%	47%	567	22	121	13	9	0	0	0	731	+/-76	5.00	3.61		
31A (Haakon)	850	849	68	72	921	76%	59%	58%	192	10	46	7	248	3	33	0	539	+/-45	5.02	3.66		
35A (W Harding)	850	849	68	80	929	81%	60%	57%	231	11	103	20	157	0	11	0	533	+/-44	5.05	2.55		
35C (E Harding)	650	616	52	68	684	74%	57%	55%	152	20	76	25	94	0	3	3	373	+/-34	5.14	2.67		
35L (Custer Nat Forest)	125	128	10	10	138	83%	69%	69%	31	0	0	0	62	0	2	0	96	+/-5	4.72	3.63		
39A (N Jackson)	250	251	20	20	271	82%	58%	58%	74	0	2	3	74	2	3	0	158	+/-12	5.30	2.73		
39B (S Jackson)	400	370	32	62	432	75%	69%	67%	152	6	20	0	96	2	12	0	288	+/-20	5.46	3.31		
41A (Jones)	450	436	36	50	486	79%	58%	56%	213	0	15	0	40	0	4	0	272	+/-23	5.11	3.73		
45A (W Lyman)	650	635	52	66	809	77%	48%	45%	254	8	60	3	38	0	3	0	365	+/-39	5.01	3.31		
45B (E Lyman)	250	249	20	19	268	74%	56%	56%	112	2	24	2	10	0	0	0	149	+/-14	4.65	3.21		
45C (NE Lyman/SE Stanley)	50	50	5	5	77	73%	50%	39%	10	0	12	1	5	0	1	0	30	+/-6	5.10	3.47		
45D (Ft Pr Nat GrsInd)	60	63	6	6	69	93%	73%	73%	41	0	0	0	9	0	1	0	51	+/-2	5.39	3.19		
49A (W Meade)	1,100	1,091	88	98	1,189	70%	62%	60%	392	8	100	8	167	4	29	0	709	+/-61	5.20	3.53		
49B (NE Meade)	1,400	1,311	112	195	1,506	74%	54%	53%	325	22	129	18	276	0	18	9	798	+/-76	4.84	3.02		
50A,B (Mellette)	850	850	68	68	918	76%	55%	55%	284	3	43	0	167	0	3	0	501	+/-45	4.91	2.88		
53A (N Perkins)	850	822	68	95	1,509	80%	64%	47%	242	19	264	22	149	0	12	3	710	+/-72	4.82	3.21		
53C (S Perkins)	1,200	1,134	96	150	2,026	72%	67%	48%	346	21	242	50	284	4	25	0	973	+/-104	5.10	3.26		
58A (Stanley)	200	201	16	16	217	88%	64%	64%	73	0	3	1	61	0	1	0	139	+/-8	5.47	3.36		
58D (Oahe Dwnstrm)	10	10	2	2	12	82%	89%	81%	5	1	4	0	0	0	0	0	10	+/-1	6.50	1.33		
60A (Tripp)	1,350	1,339	108	118	1,457	75%	63%	64%	560	9	243	28	89	0	0	0	928	+/-70	5.32	3.13		
64A (Ziebach)	500	459	40	81	540	75%	61%	57%	131	0	14	0	154	0	9	0	308	+/-27	5.06	3.11		
65A (Oglala Lakota)	100	96	8	12	108	73%	67%	67%	37	1	0	0	34	0	0	0	72	+/-6	5.34	3.04		
67A (Todd)	150	150	12	12	162	88%	66%	66%	77	1	11	1	16	1	0	0	107	+/-6	5.19	3.00		
Totals	18,660	18,319	1,497	1,844	23,732	76.7%	60%	54%	6,353	266	2,568	276	3,154	20	218	16	12,871	+/-1,167	5.10	3.30		

The response rate for all units combined was:

77%

2018 West River Deer harvest by date

	Total	Nov 3-25	Dec 8-16
Reports	4,473	4,395	78
Percent of total		98%	2%
Projected	12,871	12,646	224

2018 West River Deer antlerless harvest by date

	Total	Nov 3-25	Dec 8-16
Percent of total		93%	7%
Projected	3,365	3,140	224

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 West River Deer Harvest Projections

Last Revised:		Licenses						Harvest Projections										
2-May-19		Resident			Nonresident			Success		Whitetail				Mule Deer				Total Deer
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Bucks			Does	Bucks	Does	Bucks	Does				
							1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	
02A-01	661	400	403	120	32	31	60%		45	0	2	0	207	0	13	0	259	
02A-18	40	200	199	24	16	16	49%	18%	96	5	31	3	3	0	0	0	145	
02C-01	383	100	105	50	8	8	65%		10	0	0	0	64	0	0	1	74	
02C-11	26	50	50	8	4	4	56%		27	0	1	0	0	0	0	0	30	
11A-01	186	150	150	29	12	12	69%		46	0	6	1	52	0	9	0	112	
11A-11	9	100	98	5	8	10	54%		43	0	12	2	0	0	0	0	58	
11B-01	181	100	100	31	8	8	54%		29	0	0	0	27	2	0	0	58	
11B-11	24	125	122	12	10	11	45%		51	2	8	0	0	0	0	0	60	
15A-01	783	200	205	100	16	16	77%		40	4	4	0	154	0	0	0	170	
15A-18	527	650	649	79	52	52	59%	45%	368	14	296	18	0	0	0	0	719	
15A-19	37	250	250	17	20	20	51%	29%	0	19	158	23	0	0	9	0	217	
15B-01	310	150	150	32	12	12	59%		41	0	3	0	54	0	0	0	96	
15B-18	434	500	501	55	40	40	66%	41%	323	18	225	9	0	0	0	0	575	
15B-19	50	150	144	22	12	18	51%	33%	0	20	110	13	0	0	0	0	145	
20A-01	424	100	101	39	8	8	77%		23	0	0	0	60	2	0	0	84	
20A-11	163	300	299	49	24	24	59%		168	4	19	0	0	0	0	0	192	
21A-01	552	100	108	47	8	8	81%		17	0	0	0	80	0	0	0	94	
21A-11	231	200	200	17	16	16	65%		123	2	11	0	0	0	0	0	140	
21B-01	192	100	100	32	8	8	61%		47	0	1	0	19	0	0	0	66	
21B-11	41	50	50	3	4	4	66%		33	0	3	0	0	0	0	0	35	
21B-13	4	50	51	1	4	4	41%		2	2	16	0	0	0	2	0	23	
24A-01	280	100	100	32	8	8	59%		20	0	0	0	37	0	2	0	63	
24A-11	103	250	250	30	20	20	55%		123	6	21	0	0	0	0	0	149	
24A-13	0	100	78	5	8	30	53%		0	4	50	4	0	0	0	0	57	
24B-11	59	10	10	7	1	1	57%		6	0	0	0	0	0	0	0	6	
24B-13	4	10	10	2	1	1	83%		0	1	8	1	0	0	0	0	9	
27A-01	414	100	104	57	8	8	71%		15	0	1	0	62	0	1	0	80	
27B-01	627	200	203	64	16	15	66%		40	0	2	0	93	0	9	0	144	
27B-11	86	200	200	21	16	16	52%		105	0	7	0	2	0	0	0	113	
27B-13	11	100	100	6	8	8	41%		0	0	43	0	0	0	0	0	44	
27L-01	77	10	10	12	1	1	60%		4	0	0	0	2	0	0	0	7	
27L-11	27	10	10	1	1	1	54%		6	0	0	0	0	0	0	0	6	
30A-01	273	25	28	20	2	2	54%		10	0	0	0	9	0	0	0	16	
30A-11	438	500	501	86	40	40	43%		188	8	35	5	0	0	0	0	235	
30A-18	184	100	99	14	8	8	36%	41%	34	9	35	0	0	0	0	0	80	
30B-01	184	25	25	23	2	2	32%		9	0	0	0	0	0	0	0	9	
30B-11	551	500	496	103	40	40	50%		249	0	14	8	0	0	0	0	268	
30B-18	169	100	101	27	8	8	72%	44%	78	5	38	0	0	0	0	0	123	
31A-01	925	600	603	139	48	48	63%		128	3	3	7	248	3	33	0	412	
31A-11	14	150	150	26	12	12	45%		64	3	3	0	0	0	0	0	72	
31A-13	3	100	96	2	8	12	50%		0	4	41	0	0	0	0	0	54	
35A-01	813	300	302	175	24	24	69%		49	0	4	0	157	0	7	0	225	
35A-11	55	300	300	37	24	24	58%		182	4	16	0	0	0	0	0	188	
35A-13	4	250	247	5	20	32	43%		0	7	84	20	0	0	4	0	120	
35C-01	423	100	103	75	8	8	80%		4	0	0	0	94	0	0	3	89	
35C-11	85	300	299	28	24	24	55%		145	0	14	6	0	0	0	0	176	
35C-13	1	250	214	4	20	36	43%		3	20	62	19	0	0	3	0	108	
35L-01	904	125	128	178	10	10	69%		31	0	0	0	62	0	2	0	96	
39A-01	379	150	152	40	12	12	66%		31	0	0	2	73	2	2	0	108	
39A-11	24	100	99	17	8	8	46%		43	0	2	2	2	0	2	0	50	
39B-01	260	250	251	33	20	19	74%		75	4	8	0	94	2	12	0	199	
39B-11	4	150	119	19	12	43	55%		77	2	12	0	2	0	0	0	89	
41A-01	333	150	150	54	12	12	66%		53	0	7	0	40	0	4	0	106	
41A-11	22	300	286	55	24	38	51%		160	0	8	0	0	0	0	0	165	
45A-01	362	100	99	40	8	8	55%		18	2	2	0	38	0	3	0	59	
45A-11	78	450	436	45	36	50	42%		194	0	14	0	0	0	0	0	205	
45A-18	82	100	100	8	8	8	47%	50%	43	6	44	3	0	0	0	0	101	
45B-01	221	50	49	39	4	4	56%		17	0	3	0	10	0	0	0	30	
45B-11	263	200	200	22	16	15	56%		95	2	21	2	0	0	0	0	120	
45C-01	37	30	30	7	3	3	54%		10	0	1	1	5	0	0	0	18	
45C-19	1	20	20	0	2	2	42%	17%	0	0	11	0	0	0	1	0	12	
45D-01	212	20	23	25	2	2	77%		9	0	0	0	9	0	1	0	19	
45D-11	132	40	40	17	4	4	71%		32	0	0	0	0	0	0	0	31	
49A-01	697	700	702	79	56	55	64%		267	4	9	0	167	4	29	0	484	
49A-11	37	250	249	18	20	21	64%		125	0	48	0	0	0	0	0	174	
49A-13	9	150	140	0	12	22	31%		0	5	43	8	0	0	0	0	51	
49B-01	815	700	698	133	56	54	63%		146	22	10	0	270	0	18	9	474	
49B-11	22	400	355	39	32	76	50%		179	0	24	0	6	0	0	0	214	
49B-13	4	300	258	5	24	65	34%		0	0	95	18	0	0	0	0	110	
50A-01	780	400	400	85	32	32	54%		64	0	9	0	167	0	3	0	235	
50A-11	54	450	450	63	36	36	55%		220	3	34	0	0	0	0	0	266	

(Continued next page)

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
 Corey Huxoll

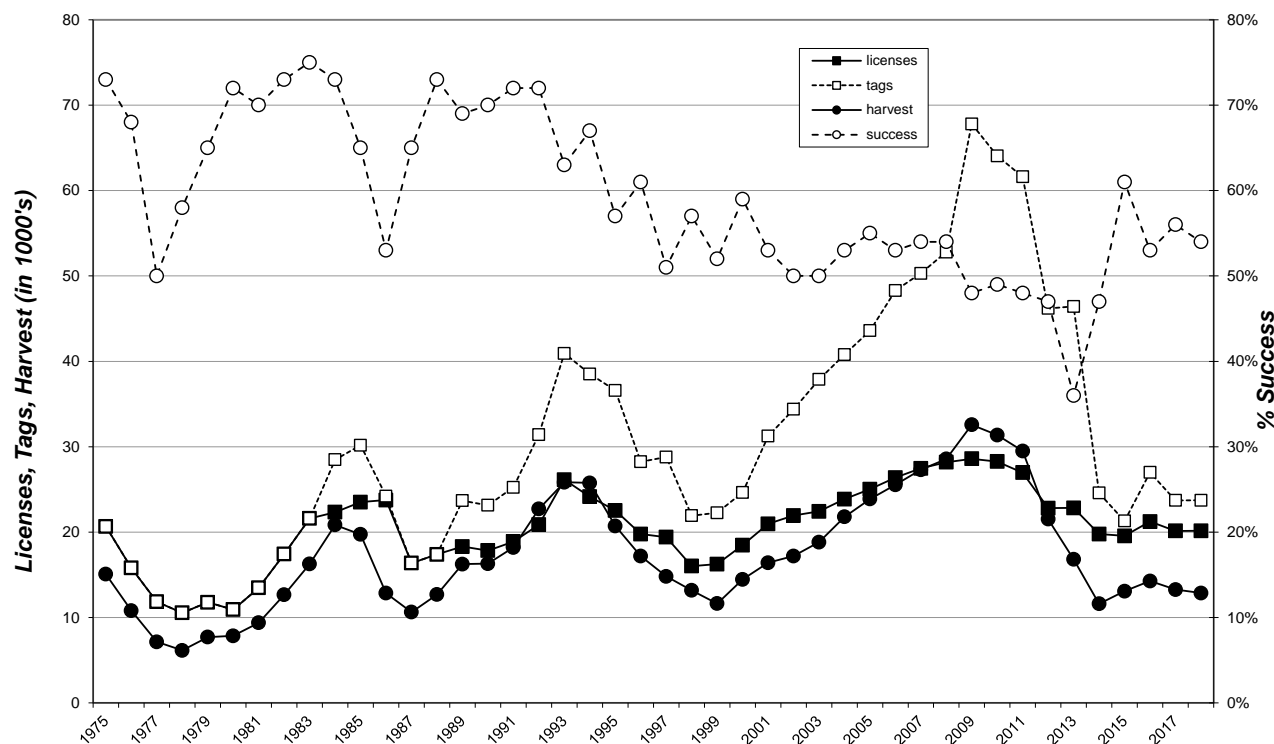
(continued from previous page)

Last Revised: 2-May-19		Licenses							Harvest Projections								Total Deer Harvest
		Resident			Nonresident				Whitetail				Mule Deer				
		Appl. 1st			Appl. 1st			Success			Bucks	Does			Bucks	Does	
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
53A-01	852	300	301	150	24	24	74%		68	0	3	0	149	0	9	3	
53A-18	136	350	350	39	28	28	50%	33%	174	5	128	6	0	0	3	0	
53A-19	2	200	171	8	16	43	51%	24%	0	13	132	16	0	0	0	0	
53C-01	692	500	503	113	40	39	77%		94	0	21	0	284	4	25	0	
53C-18	68	400	392	53	32	39	57%	30%	244	21	103	14	0	0	0	0	
53C-19	4	300	239	11	24	72	31%	19%	8	0	118	36	0	0	0	0	
58A-01	617	100	102	59	8	8	67%		12	0	0	1	60	0	0	0	
58A-11	69	100	99	21	8	8	61%		61	0	3	0	1	0	1	0	
58D-01	12	5	5	1	1	1	98%		5	1	0	0	0	0	0	0	
58D-03	0	5	5	0	1	1	65%		0	0	4	0	0	0	0	0	
60A-01	1,046	400	401	121	32	31	53%		127	0	10	0	89	0	0	0	
60A-11	268	700	699	91	56	56	67%		433	4	65	8	0	0	0	0	
60A-13	19	250	239	34	20	31	72%		0	5	168	20	0	0	0	0	
64A-01	265	300	300	78	24	24	68%		57	0	14	0	154	0	9	0	
64A-11	4	200	159	17	16	57	40%		74	0	0	0	0	0	0	0	
65A-01	70	100	96	18	8	12	67%		37	1	0	0	34	0	0	0	
67A-01	153	150	150	29	12	12	66%		77	1	11	1	16	1	0	0	
Totals	21,077	18,660	18,319	3,637	1,497	1,844			6,353	266	2,568	276	3,154	20	218	16	

* Number of 1st drawing applicants with that season as 1st choice.

West River Deer Regular Season 1975-2018

(does not include Special Buck or Landowner Own Land)



2018 West River Landowner Own Land Harvest Projections

Last Revised: 07-May-19

Last Revised: 07-May-19							Harvest Projections										Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
							Whitetail				Mule Deer								
Unit/Type	Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Bucks		Does		Bucks		Does						
	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
WR1-01	Unltd	990	990	68%	53%	53%	254	3	24	0	233	0	12	0	525	5.18	3.89		
WR1-08	Unltd	1,580	3,160	65%	63%	46%	492	39	367	34	317	16	173	5	1,443	5.26	3.93		
Totals		2,570	4,150	65.7%	59%	47%	746	42	391	34	550	16	185	5	1,968	5.23	3.91		

2018 West River LOL Harvest Distribution by Management Unit

Last Revised:
07-May-19

Unit	Reported Harvest								Projected Harvest										
	Whitetail				Mule Deer				Whitetail				Mule Deer				Total		
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
02A (NE Penn/SE Meade)	12	0	13	1	14	1	5	1	47	18	0	20	2	22	2	8	2	73	3.7%
02C (SE Pennington)	8	0	2	0	7	0	5	0	22	12	0	3	0	11	0	8	0	34	1.7%
11A (N Bennett)	10	0	3	0	2	1	4	0	20	15	0	5	0	3	2	6	0	31	1.6%
11B (S Bennett)	4	0	5	0	7	0	2	0	18	6	0	8	0	11	0	3	0	28	1.4%
15A (Butte)	24	2	27	2	23	0	7	0	85	37	3	42	3	35	0	11	0	131	6.7%
15B (SW Butte/Lawrence)	17	0	17	2	11	0	4	0	51	26	0	26	3	17	0	6	0	79	4.0%
20A (Corson)	15	1	2	0	9	0	5	0	32	23	2	3	0	14	0	8	0	49	2.5%
21A (E Custer/S Penn)	17	2	4	0	17	0	7	0	47	26	3	6	0	26	0	11	0	72	3.7%
21B (C Custer/C Penn)	4	1	2	0	4	0	0	0	11	6	2	3	0	6	0	0	0	17	0.9%
24A (Dewey)	8	0	8	0	9	0	4	0	29	12	0	12	0	14	0	6	0	45	2.3%
27A (NW FRiver/SW Cust)	2	0	1	0	8	0	1	0	12	3	0	2	0	12	0	2	0	18	0.9%
27B (Fall River)	5	2	3	0	8	0	5	0	23	8	3	5	0	12	0	8	0	36	1.8%
30A,B (Gregory)	90	4	45	5	11	0	6	0	161	138	6	70	8	17	0	9	0	249	12.6%
31A (Haakon)	30	2	20	0	24	1	10	0	87	46	3	31	0	37	2	16	0	134	6.8%
35A (W Harding)	9	0	1	0	9	1	4	0	24	14	0	2	0	14	2	6	0	37	1.9%
35C (E Harding)	4	0	1	0	5	1	0	0	11	6	0	2	0	8	2	0	0	17	0.9%
39A (N Jackson)	11	0	3	0	7	0	2	1	24	17	0	5	0	11	0	3	2	37	1.9%
39B (S Jackson)	10	0	3	0	12	1	1	0	27	15	0	5	0	18	2	2	0	42	2.1%
41A (Jones)	10	0	4	0	8	0	2	0	24	15	0	6	0	12	0	3	0	37	1.9%
45A (W Lyman)	17	0	8	2	21	1	5	0	54	26	0	12	3	32	2	8	0	83	4.2%
45B (E Lyman)	7	0	3	0	6	0	0	0	16	11	0	5	0	9	0	0	0	25	1.3%
45C (NE Lyman/SE Stanley)	3	0	0	0	1	0	0	0	4	5	0	0	0	2	0	0	0	6	0.3%
45D (Ft Pr Nat GrsInd)	4	0	2	0	2	0	1	0	9	6	0	3	0	3	0	2	0	14	0.7%
49A (W Meade)	16	4	7	1	25	1	6	0	60	25	6	11	2	38	2	9	0	93	4.7%
49B (NE Meade)	13	1	9	2	23	0	1	0	49	20	2	14	3	35	0	2	0	76	3.8%
50A,B (Mellette)	13	1	6	0	7	0	4	0	31	20	2	9	0	11	0	6	0	48	2.4%
53A (N Perkins)	13	1	2	1	16	1	5	0	39	20	2	3	2	25	2	8	0	60	3.1%
53C (S Perkins)	10	1	3	1	14	0	9	1	39	15	2	5	2	22	0	14	2	60	3.1%
58A (Stanley)	19	0	5	0	18	0	3	0	45	29	0	8	0	28	0	5	0	69	3.5%
60A (Tripp)	57	4	36	4	23	1	6	0	131	88	6	56	6	35	2	9	0	202	10.3%
64A (Ziebach)	8	1	0	0	6	0	5	0	20	12	2	0	0	9	0	8	0	31	1.6%
65A (Oglala Lakota)	0	0	3	0	0	0	0	0	3	0	0	5	0	0	0	0	0	5	0.2%
67A (Todd)	15	0	3	1	1	0	0	0	20	23	0	5	2	2	0	0	0	31	1.6%
Unknown	1	0	0	0	2	0	0	0	3										
TOTALS	486	27	251	22	360	10	119	3	1,278	746	42	391	34	550	16	185	5	1,968	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2018 West River Special Buck Harvest Projections

Last Revised: 11-Feb-19	Licenses						Harvest Projections														Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Resident			Nonresident			Whitetail						Mule Deer										
	Appl. 1st Choice *		Sold	Appl. 1st Choice *		Sold	Bucks			Does			Bucks			Does							
	Choice *	Avail.		Choice *	Avail.		Tags sold	Response Rate	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
Unit/Type																							
WR-01	853	500	500	1,016	500	493	993	82%	79%	325	0	0	0	460	0	2	1	789	5.95	3.47			

2018 West River Special Buck Harvest Distribution

Unit	Reported Harvest										Projected Harvest											
	Whitetail					Mule Deer					Whitetail					Mule Deer					Total	
	Bucks		Does			Bucks		Does			Bucks		Does			Bucks		Does				
	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Estimate	%	
02A (NE Penn/SE Meade)	7	0	0	0		29	0	0	0	36	9	0	0	0		40	0	0	0	49	6.2%	
02C (SE Pennington)	8	0	0	0		12	0	0	0	20	10	0	0	0		16	0	0	0	27	3.4%	
11A (N Bennett)	1	0	0	0		2	0	0	0	3	1	0	0	0		3	0	0	0	4	0.5%	
11B (S Bennett)	3	0	0	0		0	0	0	0	3	4	0	0	0		0	0	0	0	4	0.5%	
15A (Butte)	8	0	0	0		26	0	0	0	34	10	0	0	0		35	0	0	0	46	5.8%	
15B (SW Butte/Lawrence)	10	0	0	0		4	0	0	0	14	13	0	0	0		5	0	0	0	18	2.3%	
20A (Corson)	5	0	0	0		20	0	0	0	25	6	0	0	0		27	0	0	0	34	4.3%	
21A (E Custer/S Penn)	4	0	0	0		10	0	0	0	14	5	0	0	0		14	0	0	0	19	2.4%	
21B (C Custer/C Penn)	3	0	0	0		1	0	0	0	4	4	0	0	0		1	0	0	0	5	0.7%	
24A (Dewey)	1	0	0	0		0	0	0	0	1	1	0	0	0		0	0	0	0	1	0.2%	
27A (NW FRiver/SW Cust)	0	0	0	0		2	0	0	0	2	0	0	0	0		3	0	0	0	3	0.3%	
27B (Fall River)	12	0	0	0		13	0	0	0	25	16	0	0	0		18	0	0	0	33	4.2%	
30A,B (Gregory)	35	0	0	0		10	0	0	0	45	45	0	0	0		14	0	0	0	59	7.5%	
31A (Haakon)	16	0	0	0		18	0	0	0	34	21	0	0	0		25	0	0	0	45	5.7%	
35A (W Harding)	12	0	0	0		18	0	0	1	31	16	0	0	0		25	0	0	1	41	5.2%	
35C (E Harding)	2	0	0	0		20	0	0	0	22	3	0	0	0		27	0	0	0	30	3.8%	
39A (N Jackson)	6	0	0	0		5	0	0	0	11	8	0	0	0		7	0	0	0	15	1.9%	
39B (S Jackson)	7	0	0	0		12	0	0	0	19	9	0	0	0		16	0	0	0	25	3.2%	
41A (Jones)	10	0	0	0		11	0	0	0	21	13	0	0	0		15	0	0	0	28	3.5%	
45A (W Lyman)	9	0	0	0		6	0	0	0	15	12	0	0	0		8	0	0	0	20	2.5%	
45B (E Lyman)	4	0	0	0		7	0	0	0	11	5	0	0	0		10	0	0	0	15	1.9%	
45C (NE Lyman/SE Stanley)	3	0	0	0		2	0	1	0	6	4	0	0	0		3	0	1	0	8	1.0%	
45D (Ft Pr Nat Grslnd)	2	0	0	0		3	0	0	0	5	3	0	0	0		4	0	0	0	7	0.8%	
49A (W Meade)	7	0	0	0		8	0	0	0	15	9	0	0	0		11	0	0	0	20	2.5%	
49B (NE Meade)	14	0	0	0		16	0	0	0	30	18	0	0	0		22	0	0	0	40	5.1%	
50A,B (Mellette)	12	0	0	0		10	0	1	0	23	16	0	0	0		14	0	1	0	30	3.9%	
53A (N Perkins)	5	0	0	0		8	0	0	0	13	6	0	0	0		11	0	0	0	17	2.2%	
53C (S Perkins)	9	0	0	0		12	0	0	0	21	12	0	0	0		16	0	0	0	28	3.6%	
58A (Stanley)	13	0	0	0		35	0	0	0	48	17	0	0	0		48	0	0	0	65	8.2%	
60A (Tripp)	17	0	0	0		9	0	0	0	26	22	0	0	0		12	0	0	0	34	4.4%	
64A (Ziebach)	2	0	0	0		4	0	0	0	6	3	0	0	0		5	0	0	0	8	1.0%	
65A (Oglala Lakota)	0	0	0	0		4	0	0	0	4	0	0	0	0		5	0	0	0	5	0.7%	
67A (Todd)	3	0	0	0		1	0	0	0	4	4	0	0	0		1	0	0	0	5	0.7%	
Unknown	16	0	0	0		39	0	0	0	55												
TOTALS	266	0	0	0		377	0	2	1	646	325	0	0	0		460	0	2	1	789		

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

EAST RIVER FIREARM DEER

There were 31,807 licenses issued for the 2018 East River Firearm Deer season (26,083 regular, 500 Special Buck and 5,926 Landowner Own Land Only) for a total of 41,069 tags.

The East River season was open 16 days from November 17 through December 2 in all units. The season was also open from December 8-16 for all unfilled antlerless deer tags.

A random sample of 12,597 hunters was taken from the regular East River season, 2,988 from the Landowner Own Land Only licenses, and all 500 Special Buck hunters. All hunters that listed an email address were surveyed using Qualtrics Software prior to sending paper surveys. Responses were received from approximately 51% of regular season, 35% of Landowner Own Land, and 67% of Special Buck hunters that were surveyed by email. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 77% for regular East River Deer, 68% for Landowner Own Land, and 81% for Special Buck. Of all responding hunters, 63% of regular East River, 47% of Landowner Own Land, and 76% of Special Buck hunters responded through the Internet.

Respondents reported hunting an average of 4.18 days per hunter for the regular season, 4.34 days for Landowner Own Land and 5.33 days for Special Buck, resulting in a projected total of 137,420 recreation days for the entire East River season. Hunters reported harvesting approximately 95% of their deer during the regular season and 5% from December 8-16.

The East River projected deer harvest was 14,612 for the regular season, 3,496 for Landowner Own Land, and 280 for the Special Buck season. Success rates were 47% for the regular season, 36% for Landowner Own Land, and 56% for Special Buck. Success for the regular East River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1st tags (any) was 59% and success for 2nd (antlerless only) tags was 37%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 61% and success for 2nd tags was 30%.

The mean satisfaction score for those responding to the regular East River survey was 4.86, for the Landowner Own Land survey was 4.98, and for the Special Buck survey was 5.34 (1 = "very dissatisfied" and 7 = "very satisfied").

Summary comparison of the 2010-2018 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2010	47,154	76,549	1,892	4,245	17,300	496	21,595	539	39,929	49%	4.28	4.95
2011	45,589	75,512	1,950	4,461	14,970	502	19,401	513	35,386	44%	4.73	4.51
2012	37,865	58,693	1,419	2,813	13,522	383	14,153	337	28,394	46%	4.23	4.64
2013	37,137	56,030	1,366	2,715	10,733	278	10,592	256	21,858	37%	4.44	4.19
2014	31,037	37,835	912	1,326	12,213	376	6,673	86	19,347	49%	4.10	4.80
2015	32,287	40,420	836	1,276	13,060	369	7,331	104	20,866	50%	4.15	4.96
2016	31,048	44,311	759	1,595	10,659	359	7,972	117	19,107	42%	4.16	4.70
2017	31,501	39,556	830	1,313	11,636	312	6,446	96	18,489	45%	4.40	4.86
2018	31,791	39,926	718	1,143	11,329	348	6,616	95	18,388	45%	4.36	4.86

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
 Corey Huxoll

2018 East River Deer Harvest Projections

Last Revised:

02-May-19

Last Revised:	Harvest Projections																				
	02-May-19	Licenses				Tags	Response	Hunter	Tag	Whitetail				Mule Deer				Total		Mean Satisf	Average Days
		Resident		Nonresident						Bucks		Does		Bucks		Does		Deer			
		Avail.	Sold	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)		
Unit	Avail.	Sold	Avail.	Sold	sold	Hunters	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Rating	Hunted
01A (Minnehaha)	550	557	leftovers	0	557	557	78%	40%	40%	135	19	66	2	0	0	0	0	222	+/-26	4.83	5.22
03A (Brown)	2,400	2,322	leftovers	78	2,400	2,117	68%	47%	46%	491	51	499	65	7	0	0	0	1,113	+/-127	4.90	4.27
04A (Beadle)	600	603	leftovers	0	603	603	75%	61%	61%	279	13	72	5	0	0	0	0	368	+/-29	5.12	4.20
05A (Codington)	250	251	leftovers	0	251	251	78%	54%	54%	127	0	8	0	0	0	0	0	135	+/-12	5.16	4.90
06A (Brookings)	550	554	leftovers	0	554	554	83%	47%	47%	185	9	66	0	0	0	0	0	259	+/-25	5.06	4.96
07A (Yankton)	250	249	leftovers	0	249	249	83%	47%	47%	104	1	7	4	0	0	0	0	118	+/-11	5.06	5.13
07B (Yankton SW)	75	76	leftovers	0	76	76	79%	58%	58%	0	5	33	6	0	0	0	0	44	+/-4	5.04	3.62
08A (Davison)	200	203	leftovers	0	203	203	78%	42%	42%	82	0	3	1	0	0	0	0	86	+/-9	4.64	4.76
10A (Aurora)	500	504	leftovers	0	504	504	70%	48%	48%	135	5	101	2	0	0	0	0	243	+/-27	4.73	4.10
12A (Bon Homme)	150	151	leftovers	0	151	151	87%	47%	47%	63	0	2	0	6	0	0	0	71	+/-5	5.03	3.78
12B (Bon Homme SE)	50	50	leftovers	0	50	50	68%	71%	71%	0	1	29	4	0	0	0	0	35	+/-4	5.13	3.09
13A (Brule)	900	902	leftovers	0	1,102	902	72%	46%	41%	269	7	129	10	31	0	7	0	454	+/-56	4.64	3.95
13L (Brule GPA/Corps)	20	22	leftovers	0	22	22	86%	72%	72%	6	0	1	0	9	0	0	0	16	+/-2	5.07	2.94
14A (Buffalo)	350	322	leftovers	28	600	330	72%	49%	34%	129	6	47	6	18	0	0	0	205	+/-30	4.56	3.43
16A (Campbell)	720	607	leftovers	113	720	612	75%	43%	40%	167	3	105	8	0	0	3	0	285	+/-35	4.87	4.17
17A (Charles Mix)	250	251	leftovers	0	251	251	81%	45%	45%	89	2	3	0	15	0	3	0	112	+/-11	4.76	3.60
18A (Clark)	600	600	leftovers	0	600	600	76%	48%	48%	253	5	30	0	0	0	0	0	289	+/-30	5.08	4.51
19A (Clay)	200	201	leftovers	0	201	201	82%	58%	58%	99	3	12	1	0	0	0	0	116	+/-8	5.30	4.68
22A (Day)	600	600	leftovers	0	600	600	76%	49%	49%	237	8	43	5	0	0	0	0	292	+/-30	4.92	4.44
23A (Deuel)	400	400	leftovers	0	400	400	77%	50%	50%	145	10	42	4	2	0	0	0	202	+/-19	5.12	4.60
25A (Douglas)	250	250	leftovers	0	250	250	78%	40%	40%	82	0	16	2	0	0	0	0	100	+/-12	4.42	4.40
26A (Edmunds)	1,300	1,117	leftovers	115	2,464	1,171	71%	58%	39%	369	39	481	65	0	0	4	0	958	+/-126	4.70	4.26
28A (Faulk)	1,400	1,028	leftovers	101	2,258	1,036	73%	62%	45%	335	39	585	62	4	0	0	0	1,024	+/-116	4.72	3.95
29A (Grant)	300	302	leftovers	0	302	302	74%	62%	62%	160	4	20	4	0	0	0	0	187	+/-15	5.15	4.81
32A (Hamlin)	600	599	leftovers	0	599	599	77%	52%	52%	233	8	65	3	0	0	3	0	311	+/-29	5.09	4.26
33A (Hand)	870	867	leftovers	8	875	836	76%	59%	59%	304	13	181	13	3	0	0	0	513	+/-43	5.16	3.29
34A (Hanson)	200	202	leftovers	0	202	202	84%	52%	52%	82	1	18	3	0	0	0	0	104	+/-9	4.82	4.48
36A (Hughes)	600	594	leftovers	5	599	573	79%	51%	51%	181	14	84	0	24	0	5	0	308	+/-29	4.90	3.83
37A (Hutchinson)	100	102	leftovers	0	102	102	81%	63%	63%	56	1	7	0	0	0	0	0	65	+/-5	5.09	4.02
38A (Hyde)	720	678	leftovers	35	1,406	688	69%	48%	31%	225	15	173	15	3	0	0	0	432	+/-70	4.67	3.32
40A (Jerauld)	550	538	leftovers	12	550	519	74%	52%	53%	154	5	123	7	0	0	0	0	289	+/-28	4.94	3.58
42A (Kingsbury)	600	605	leftovers	0	605	605	76%	46%	46%	200	8	58	10	0	0	0	0	276	+/-30	4.72	3.47
43A (Lake)	400	401	leftovers	0	401	401	81%	49%	49%	137	7	51	0	0	0	0	0	195	+/-18	4.75	5.08
44A (Lincoln)	250	256	leftovers	0	256	256	76%	47%	47%	82	7	30	0	0	0	2	0	120	+/-13	5.05	4.33
46A (McCook)	450	457	leftovers	0	457	457	79%	55%	55%	168	13	61	6	0	0	2	0	249	+/-22	4.80	4.70
47A (McPherson)	1,000	909	leftovers	84	1,490	942	75%	66%	57%	275	48	406	93	14	0	10	7	853	+/-74	5.07	3.43
48A (Marshall)	500	500	leftovers	0	500	500	83%	59%	59%	241	2	50	2	0	0	0	0	295	+/-22	5.14	4.59
51A (Miner)	750	751	leftovers	0	751	751	82%	43%	43%	191	11	108	5	0	0	5	3	323	+/-35	4.50	3.92
52A (Moody)	450	452	leftovers	0	452	452	82%	49%	49%	161	0	59	0	0	0	0	0	220	+/-21	4.90	4.43
54A (Potter)	1,050	977	leftovers	62	1,926	944	73%	60%	46%	342	43	438	39	28	0	0	0	891	+/-98	4.57	3.81
55A (Roberts)	500	500	leftovers	0	500	500	82%	61%	61%	239	2	57	4	0	0	0	0	303	+/-22	4.96	4.98
56A (Sanborn)	550	550	leftovers	4	554	549	78%	43%	43%	155	7	75	2	0	0	0	0	239	+/-27	4.76	3.48
57A (Spink)	1,300	1,292	leftovers	9	1,301	1,280	70%	53%	54%	448	14	220	14	0	0	0	0	696	+/-68	4.99	3.47
59A (W Sully)	450	450	leftovers	1	451	443	77%	48%	49%	140	10	21	4	44	0	0	0	219	+/-22	4.69	3.41
59B (E Sully)	470	452	leftovers	18	470	428	76%	43%	45%	141	2	63	2	2	0	0	0	210	+/-23	4.42	3.06
61A (Turner)	100	103	leftovers	0	103	103	79%	43%	43%	39	1	4	0	0	0	0	0	45	+/-5	4.66	5.30
62A (Union)	300	299	leftovers	0	299	299	82%	42%	42%	89	5	29	0	2	0	0	2	127	+/-13	4.91	4.26
63A (Walworth)	750	709	leftovers	45	754	657	75%	55%	52%	216	19	116	22	19	0	3	0	395	+/-39	4.89	3.75
Totals	26,375	25,365	leftovers	718	30,971	25,078	76.5%	52%	47%	8,441	483	4,896	503	231	0	46	11	14,612	+/-1,532	4.86	4.18
The response rate for all units combined was:				77%																	

The response rate for all units combined was:

77%

2018 East River Deer harvest by date

	Total	Nov 17 - Dec 2	Dec 8-16
Reports	5,072	4,817	255
Percent of total		95%	5%
Projected	14,612	13,877	735

2018 East River Deer antlerless harvest by date

	Total	Nov 17 - Dec 2	Dec 8-16
Percent of total		88%	12%
Projected	5,940	5,205	735

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
Corey Huxoll

2018 East River Deer Harvest Projections

Last Revised: 02-May-19		Licenses					Harvest Projections										Total Deer
Resident			Nonresident		Success	Whitetail				Mule Deer							
Appl. 1st						Bucks	Does	Bucks	Does	Bucks	Does						
Unit/Type	Choice *	Avail.	Sold	Avail.	Sold	1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	
01A-01	941	450	457	leftovers	0	40%		135	11	34	2	0	0	0	0	182	
01A-03	70	100	100	leftovers	0	40%		0	7	32	0	0	0	0	0	40	
03A-01	1,783	1,100	1,101	leftovers	0	55%		491	7	78	22	7	0	0	0	605	
03A-03	89	1,300	1,221	leftovers	78	39%		0	43	420	43	0	0	0	0	508	
04A-11	1,017	500	504	leftovers	0	62%		279	8	28	0	0	0	0	0	313	
04A-13	41	100	99	leftovers	0	55%		0	5	44	5	0	0	0	0	55	
05A-01	685	250	251	leftovers	0	54%		127	0	8	0	0	0	0	0	135	
06A-01	930	450	454	leftovers	0	46%		185	4	22	0	0	0	0	0	207	
06A-03	90	100	100	leftovers	0	52%		0	5	44	0	0	0	0	0	52	
07A-01	628	250	249	leftovers	0	47%		104	1	7	4	0	0	0	0	118	
07B-03	28	75	76	leftovers	0	58%		0	5	33	6	0	0	0	0	44	
08A-11	353	200	203	leftovers	0	42%		82	0	3	1	0	0	0	0	86	
10A-11	583	300	304	leftovers	0	53%		133	0	28	0	0	0	0	0	162	
10A-13	29	200	200	leftovers	0	41%		2	5	73	2	0	0	0	0	82	
12A-01	414	150	151	leftovers	0	47%		63	0	2	0	6	0	0	0	71	
12B-13	29	50	50	leftovers	0	71%		0	1	29	4	0	0	0	0	35	
13A-01	334	100	102	leftovers	0	63%		19	0	4	3	28	0	7	0	64	
13A-11	258	600	600	leftovers	0	35%		163	0	50	0	0	0	0	0	209	
13A-18	202	200	200	leftovers	0	58%	51%	87	7	76	7	4	0	0	0	181	
13L-01	74	20	22	leftovers	0	72%		6	0	1	0	9	0	0	0	16	
14A-01	105	100	100	leftovers	0	51%		34	0	2	0	15	0	0	0	51	
14A-18	40	250	222	leftovers	28	48%	24%	95	6	45	6	2	0	0	0	154	
16A-01	79	20	20	leftovers	0	60%		10	0	0	0	0	0	3	0	12	
16A-11	426	400	400	leftovers	0	37%		157	0	8	0	0	0	0	0	147	
16A-13	4	300	187	leftovers	113	42%		0	3	96	8	0	0	0	0	126	
17A-01	552	100	102	leftovers	0	46%		30	0	0	0	15	0	2	0	47	
17A-11	478	150	149	leftovers	0	44%		59	2	3	0	0	0	2	0	65	
18A-01	986	600	600	leftovers	0	48%		253	5	30	0	0	0	0	0	289	
19A-01	377	200	201	leftovers	0	58%		99	3	12	1	0	0	0	0	116	
22A-01	1,137	600	600	leftovers	0	49%		237	8	43	5	0	0	0	0	292	
23A-01	706	400	400	leftovers	0	50%		145	10	42	4	2	0	0	0	202	
25A-11	274	250	250	leftovers	0	40%		82	0	16	2	0	0	0	0	100	
26A-08	866	700	697	leftovers	0	57%	39%	358	8	212	12	0	0	4	0	583	
26A-09	28	600	420	leftovers	115	55%	19%	11	31	269	53	0	0	0	0	375	
28A-08	727	600	600	leftovers	0	69%	48%	330	9	251	25	4	0	0	0	615	
28A-09	19	800	428	leftovers	101	62%	32%	5	30	334	37	0	0	0	0	409	
29A-01	733	300	302	leftovers	0	62%		160	4	20	4	0	0	0	0	187	
32A-01	853	600	599	leftovers	0	52%		233	8	65	3	0	0	3	0	311	
33A-01	116	20	23	leftovers	0	46%		9	0	0	0	3	0	0	0	11	
33A-11	813	450	452	leftovers	0	62%		291	0	6	0	0	0	0	0	280	
33A-13	21	400	392	leftovers	8	56%		4	13	175	13	0	0	0	0	222	
34A-11	375	200	202	leftovers	0	52%		82	1	18	3	0	0	0	0	104	
36A-01	425	175	175	leftovers	0	54%		69	0	0	0	21	0	2	0	95	
36A-11	259	250	249	leftovers	0	57%		113	3	21	0	2	0	0	0	141	
36A-13	18	175	170	leftovers	5	42%		0	12	63	0	0	0	2	0	73	
37A-11	336	100	102	leftovers	0	63%		56	1	7	0	0	0	0	0	65	
38A-01	74	20	20	leftovers	0	17%		0	0	0	0	3	0	0	0	3	
38A-18	404	500	500	leftovers	0	55%	26%	225	12	93	6	0	0	0	0	332	
38A-19	8	200	158	leftovers	35	39%	17%	0	3	80	10	0	0	0	0	97	
40A-11	466	350	350	leftovers	0	49%		154	2	25	0	0	0	0	0	170	
40A-13	19	200	188	leftovers	12	60%		0	3	98	7	0	0	0	0	119	
42A-01	922	500	505	leftovers	0	46%		197	5	23	8	0	0	0	0	233	
42A-03	64	100	100	leftovers	0	42%		2	3	35	3	0	0	0	0	42	
43A-01	742	300	301	leftovers	0	48%		137	2	9	0	0	0	0	0	145	
43A-03	47	100	100	leftovers	0	50%		0	6	42	0	0	0	0	0	50	
44A-01	491	200	205	leftovers	0	46%		82	3	9	0	0	0	0	0	93	
44A-03	36	50	51	leftovers	0	52%		0	3	20	0	0	0	2	0	26	
46A-01	745	350	357	leftovers	0	56%		168	4	27	4	0	0	0	0	200	
46A-03	54	100	100	leftovers	0	49%		0	9	33	2	0	0	2	0	49	
47A-01	823	500	496	leftovers	0	71%		272	8	18	0	14	0	0	0	350	
47A-09	43	500	413	leftovers	84	73%	43%	3	40	388	93	0	0	10	7	503	
48A-01	804	500	500	leftovers	0	59%		241	2	50	2	0	0	0	0	295	
51A-01	673	400	401	leftovers	0	53%		186	0	27	0	0	0	0	0	212	
51A-03	47	350	350	leftovers	0	32%		5	11	81	5	0	0	5	3	111	
52A-01	592	350	352	leftovers	0	52%		161	0	22	0	0	0	0	0	183	
52A-03	38	100	100	leftovers	0	37%		0	0	37	0	0	0	0	0	37	
54A-01	252	150	152	leftovers	0	53%		38	0	9	0	28	0	0	0	80	
54A-18	593	500	500	leftovers	0	63%	41%	292	7	192	13	0	0	0	0	501	
54A-19	13	400	325	leftovers	62	58%	22%	11	36	237	27	0	0	0	0	310	

(Continued next page)

South Dakota Game Report No 2019-03 - 2018 Big Game Harvest Projections
 Corey Huxoll

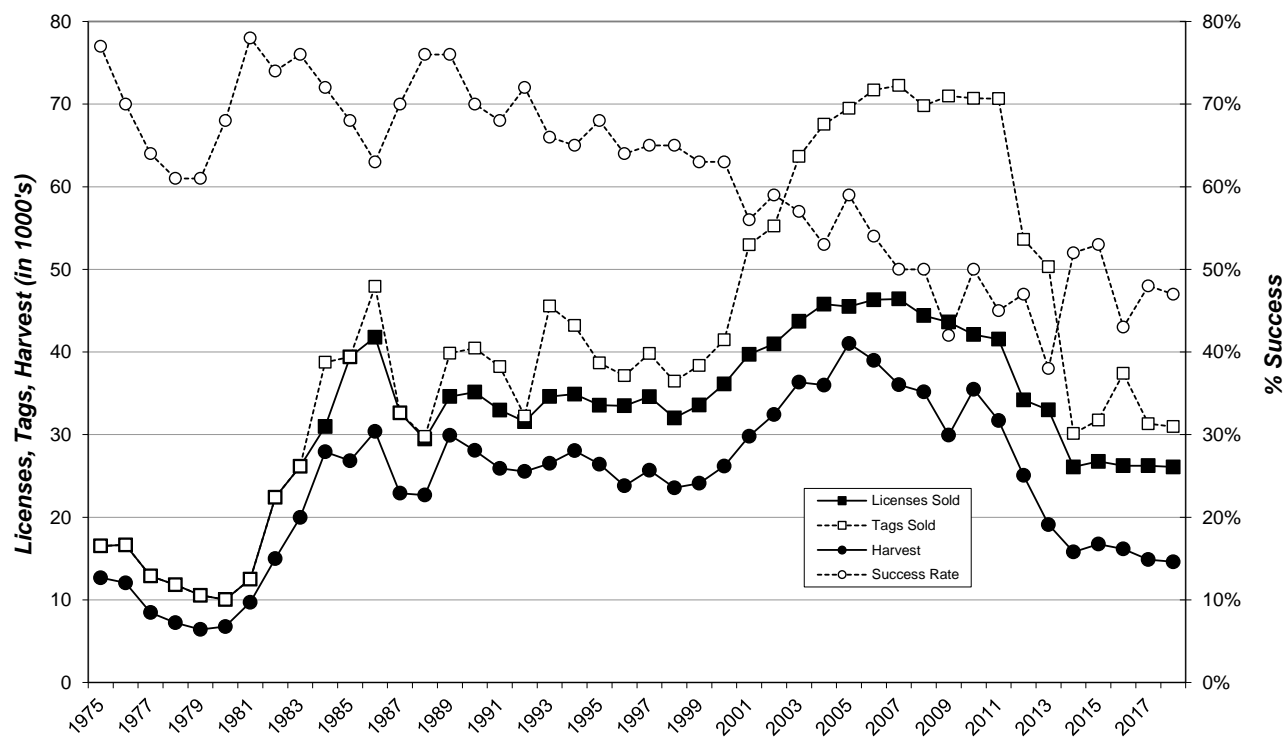
(continued from previous page)

Last Revised: 02-May-19		Licenses						Harvest Projections									
		Resident			Nonresident			Whitetail				Mule Deer				Total Deer Harvest	
		Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Success 1st tag	2nd tag	Bucks		Does		Bucks		Does		
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult		Fawn
Unit/Type																	
55A-01	901	500	500	leftovers	0	61%			239	2	57	4	0	0	0	0	303
56A-11	474	350	354	leftovers	0	47%			155	2	15	0	0	0	0	0	166
56A-13	41	200	196	leftovers	4	37%			0	5	60	2	0	0	0	0	73
57A-01	1,191	900	901	leftovers	0	56%			442	4	74	4	0	0	0	0	505
57A-03	37	400	391	leftovers	9	48%			7	10	145	10	0	0	0	0	191
59A-01	485	100	102	leftovers	0	63%			14	0	0	0	44	0	0	0	64
59A-11	237	250	249	leftovers	0	54%			126	3	5	2	0	0	0	0	133
59A-13	6	100	99	leftovers	1	22%			0	7	16	2	0	0	0	0	22
59B-01	64	20	20	leftovers	0	54%			5	2	0	2	0	0	0	0	11
59B-11	225	350	350	leftovers	0	48%			133	0	25	0	2	0	0	0	169
59B-13	6	100	82	leftovers	18	30%			3	0	38	0	0	0	0	0	30
61A-01	446	100	103	leftovers	0	43%			39	1	4	0	0	0	0	0	45
62A-01	536	250	249	leftovers	0	43%			89	5	10	0	2	0	0	2	107
62A-03	40	50	50	leftovers	0	40%			0	0	20	0	0	0	0	0	20
63A-01	198	50	54	leftovers	0	58%			20	0	0	0	19	0	0	0	32
63A-11	498	400	400	leftovers	0	52%			186	0	19	3	0	0	0	0	209
63A-13	15	300	255	leftovers	45	52%			11	19	97	19	0	0	3	0	155
Totals	32,681	26,375	25,365	leftovers	718		1st tag	2nd tag	8,441	483	4,896	503	231	0	46	11	14,612
						Type 08/18=	59%	37%									
						Type 09/19=	61%	30%									
* Number of 1st drawing applicants with that season as 1st choice.																	

* Number of 1st drawing applicants with that season as 1st choice.

East River Deer Regular Season 1975-2018

(does not include Special Buck or Landowner Own Land)



2018 East River Landowner Own Land Harvest Projections

Last Revised: 07-May-19

Last Revised: 07-May-19							Harvest Projections																
							Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
													Bucks		Does		Bucks		Does				
Unit	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn									
ER1-01	Unitd	2,254	2,254	70%	34%	34%	640	6	69	8	30	0	3	0	757	4.78	4.10						
ER1-08	Unitd	3,672	7,344	66%	55%	37%	1,397	122	1,049	79	52	6	34	0	2,739	5.10	4.49						
Totals		5,926	9,598	67.5%	47%	36%	2,037	128	1,118	88	82	6	36	0	3,496	4.98	4.34						

2018 East River LOL Harvest Distribution by Management Unit

Last Revised:
07-May-19

Unit	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does							
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn				
01A (Minnehaha)	17	0	17	0	0	0	0	0	34	50	0	52	0	0	0	0	0	102	2.9%
03A (Brown)	27	1	18	0	0	0	0	0	46	80	3	55	0	0	0	0	0	138	3.9%
04A (Beadle)	29	2	11	1	0	0	0	0	43	86	6	33	3	0	0	0	0	129	3.7%
05A (Codington)	18	1	18	2	0	0	0	0	39	53	3	55	6	0	0	0	0	117	3.4%
06A (Brookings)	18	1	12	0	0	0	0	0	31	53	3	36	0	0	0	0	0	93	2.7%
07A (Yankton)	16	2	11	0	0	0	0	0	29	47	6	33	0	0	0	0	0	87	2.5%
08A (Davison)	13	0	1	2	0	0	0	0	16	39	0	3	6	0	0	0	0	48	1.4%
10A (Aurora)	20	2	17	2	0	0	1	0	42	59	6	52	6	0	0	3	0	126	3.6%
12A (Bon Homme)	9	1	4	0	0	0	0	0	14	27	3	12	0	0	0	0	0	42	1.2%
13A (Brule)	14	1	3	1	4	0	2	0	25	42	3	9	3	12	0	6	0	75	2.1%
14A (Buffalo)	3	0	2	0	0	0	0	0	5	9	0	6	0	0	0	0	0	15	0.4%
16A (Campbell)	8	0	5	0	5	0	0	0	18	24	0	15	0	15	0	0	0	54	1.5%
17A (Charles Mix)	27	3	17	0	5	0	2	0	54	80	9	52	0	15	0	6	0	162	4.6%
18A (Clark)	27	3	15	0	0	0	0	0	45	80	9	46	0	0	0	0	0	135	3.9%
19A (Clay)	8	1	5	0	0	0	0	0	14	24	3	15	0	0	0	0	0	42	1.2%
22A (Day)	18	2	12	0	0	0	0	0	32	53	6	36	0	0	0	0	0	96	2.7%
23A (Deuel)	4	1	2	0	0	0	0	0	7	12	3	6	0	0	0	0	0	21	0.6%
25A (Douglas)	5	0	5	0	0	0	0	0	10	15	0	15	0	0	0	0	0	30	0.9%
26A (Edmunds)	18	0	12	0	0	0	0	0	30	53	0	36	0	0	0	0	0	90	2.6%
28A (Faulk)	11	0	7	1	0	0	0	0	19	33	0	21	3	0	0	0	0	57	1.6%
29A (Grant)	22	2	11	1	0	0	0	0	36	65	6	33	3	0	0	0	0	108	3.1%
32A (Hamlin)	17	2	8	1	0	0	0	0	28	50	6	24	3	0	0	0	0	84	2.4%
33A (Hand)	34	3	17	4	2	0	1	0	61	101	9	52	12	6	0	3	0	183	5.2%
34A (Hanson)	11	3	5	2	0	0	0	0	21	33	9	15	6	0	0	0	0	63	1.8%
36A (Hughes)	8	0	3	0	3	0	2	0	16	24	0	9	0	9	0	6	0	48	1.4%
37A (Hutchinson)	28	1	4	0	0	0	0	0	33	83	3	12	0	0	0	0	0	98	2.8%
38A (Hyde)	11	0	4	0	0	1	0	0	16	33	0	12	0	0	3	0	0	48	1.4%
40A (Jerauld)	18	1	5	3	0	0	0	0	27	53	3	15	9	0	0	0	0	81	2.3%
42A (Kingsbury)	18	0	5	2	0	0	0	0	25	53	0	15	6	0	0	0	0	75	2.1%
43A (Lake)	13	0	3	1	0	0	1	0	18	39	0	9	3	0	0	3	0	54	1.5%
44A (Lincoln)	6	0	3	0	0	0	0	0	9	18	0	9	0	0	0	0	0	27	0.8%
46A (McCook)	10	1	9	0	0	0	0	0	20	30	3	27	0	0	0	0	0	60	1.7%
47A (McPherson)	11	1	5	1	0	0	0	0	18	33	3	15	3	0	0	0	0	54	1.5%
48A (Marshall)	10	1	4	0	0	0	0	0	15	30	3	12	0	0	0	0	0	45	1.3%
51A (Miner)	19	1	7	0	0	0	0	0	27	56	3	21	0	0	0	0	0	81	2.3%
52A (Moody)	7	0	2	0	0	0	0	0	9	21	0	6	0	0	0	0	0	27	0.8%
54A (Potter)	8	0	6	0	3	0	2	0	19	24	0	18	0	9	0	6	0	57	1.6%
55A (Roberts)	34	3	31	2	0	0	1	0	71	101	9	94	6	0	0	3	0	213	6.1%
56A (Sanborn)	21	0	9	1	0	0	0	0	31	62	0	27	3	0	0	0	0	93	2.7%
57A (Spink)	31	0	13	1	0	0	0	0	45	92	0	40	3	0	0	0	0	134	3.8%
59A (W Sully)	2	0	1	0	1	0	0	0	4	6	0	3	0	3	0	0	0	12	0.3%
59B (E Sully)	4	0	2	0	0	0	0	0	6	12	0	6	0	0	0	0	0	18	0.5%
61A (Turner)	7	1	1	0	0	0	0	0	9	21	3	3	0	0	0	0	0	27	0.8%
62A (Union)	11	0	6	1	0	0	0	0	18	33	0	18	3	0	0	0	0	54	1.5%
63A (Walworth)	16	1	10	0	5	1	0	0	33	47	3	30	0	15	3	0	0	99	2.8%
Unknown	2	0	1	0	0	0	0	0	3										
TOTALS	689	42	369	29	28	2	12	0	1,171	2,037	128	1,118	88	82	6	36	0	3,496	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2018 East River Special Buck Harvest Projections

Last Revised:

11-Feb-19

Last Revised: 11-Feb-19						Harvest Projections								Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
Unit/Type	Appl. 1st Choice *	Resident Licenses		Response Rate	Tag Success	Whitetail				Mule Deer						
		Avail.	Sold			Bucks		Does		Bucks		Does				
						Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ER-01	1,018	500	500	81%	56%	238	1	10	1	28	0	1	0	280	5.34	5.33

ER-01	1,018	500	500	81%	56%	238	1	10	1	28	0	1	0	280	5.34	5.33
-------	-------	-----	-----	-----	-----	-----	---	----	---	----	---	---	---	-----	------	------

2018 East River Special Buck Harvest Distribution

Last Revised:

11-Feb-19

Last Revised: 11-Feb-19	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	9	0	0	0	0	0	0	0	9	11	0	0	0	0	0	0	0	11	4.0%
03A (Brown)	12	0	2	0	0	0	0	0	14	15	0	2	0	0	0	0	0	17	6.2%
04A (Beadle)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
05A (Codington)	11	0	1	0	0	0	0	0	12	14	0	1	0	0	0	0	0	15	5.3%
06A (Brookings)	8	0	1	0	0	0	0	0	9	10	0	1	0	0	0	0	0	11	4.0%
07A (Yankton)	11	1	0	0	0	0	0	0	12	14	1	0	0	0	0	0	0	15	5.3%
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.9%
12A (Bon Homme)	4	0	0	0	1	0	0	0	5	5	0	0	0	1	0	0	0	6	2.3%
13A (Brule)	1	0	0	0	4	0	1	0	6	1	0	0	0	5	0	1	0	8	2.8%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
16A (Campbell)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
17A (Charles Mix)	2	0	0	0	5	0	0	0	7	2	0	0	0	7	0	0	0	9	3.3%
18A (Clark)	12	0	0	0	0	0	0	0	12	15	0	0	0	0	0	0	0	15	5.3%
19A (Clay)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
22A (Day)	7	0	1	0	0	0	0	0	8	9	0	1	0	0	0	0	0	10	3.6%
23A (Deuel)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.9%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
28A (Faulk)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
29A (Grant)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.7%
32A (Hamlin)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.7%
33A (Hand)	9	0	0	1	0	0	0	0	10	11	0	0	1	0	0	0	0	12	4.4%
34A (Hanson)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
36A (Hughes)	2	0	0	0	1	0	0	0	3	2	0	0	0	1	0	0	0	4	1.4%
37A (Hutchinson)	5	0	1	0	0	0	0	0	6	6	0	1	0	0	0	0	0	7	2.7%
38A (Hyde)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.9%
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
42A (Kingsbury)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.9%
43A (Lake)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.7%
44A (Lincoln)	6	0	0	0	0	0	0	0	6	7	0	0	0	0	0	0	0	7	2.7%
46A (McCook)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
47A (McPherson)	7	0	0	0	1	0	0	0	8	9	0	0	0	1	0	0	0	10	3.6%
48A (Marshall)	7	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	9	3.1%
51A (Miner)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.3%
52A (Moody)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
54A (Potter)	3	0	0	0	4	0	0	0	7	4	0	0	0	5	0	0	0	9	3.3%
55A (Roberts)	3	0	1	0	0	0	0	0	4	4	0	1	0	0	0	0	0	5	1.8%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
57A (Spink)	10	0	1	0	0	0	0	0	11	12	0	1	0	0	0	0	0	14	4.9%
59A (W Sully)	4	0	0	0	2	0	0	0	6	5	0	0	0	3	0	0	0	8	2.7%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
61A (Turner)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.9%
62A (Union)	10	0	0	0	0	0	0	0	10	12	0	0	0	0	0	0	0	12	4.5%
63A (Walworth)	0	0	0	0	3	0	0	0	3	0	0	0	0	4	0	0	0	4	1.4%
Unknown	2	0	0	0	2	0	0	0	4										
TOTALS	193	1	8	1	23	0	1	0	227	238	1	10	1	28	0	1	0	280	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

NATIONAL WILDLIFE REFUGE DEER

There were a total of 215 licenses issued for the 2018 Wildlife Refuge Deer seasons, which included 164 at Sand Lake (149 residents and 15 nonresidents); 29 at Lacreek (26 residents and 3 nonresidents); and 22 at Waubay (20 residents and 2 nonresidents).

All license-holders were surveyed for each season and response rates for Sand Lake, Lacreek, and Waubay refuges were 84%, 76%, and 73%, respectively. Approximately 80% of survey responses came through the Internet.

The seasons had different opening dates at each refuge. The average days hunted were 2.66 at Sand Lake, 2.00 at Lacreek and 2.94 at Waubay.

The projected harvest for Sand Lake was 36 whitetail bucks and 15 whitetail does, for Lacreek was 7 whitetail bucks and 2 mule bucks, and for Waubay was 10 whitetail bucks and 3 whitetail does. The projected success rate for Sand Lake was 38%, for Lacreek was 23%, and for Waubay was 56%.

Harvest summaries for 2009-2018 National Wildlife Refuge Deer Seasons

Sand Lake National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2009	275	67	76	26%	2.88
2010	272	64	63	23%	2.86
2011	220	33	59	21%	3.30
2012	128	35	11	36%	2.54
2013	132	42	22	48%	2.48
2014	133	50	5	42%	2.34
2015	165	52	10	37%	2.89
2016	163	33	16	30%	2.60
2017	165	36	15	31%	2.72
2018	164	46	15	38%	2.66

Lacreek National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2009	43	19	4	52%	2.61
2010	46	16	10	57%	2.46
2011	45	16	9	45%	2.93
2012	48	14	19	47%	2.38
2013	48	11	4	22%	1.97
2014	34	8	0	24%	3.10
2015	34	12	0	35%	2.71
2016	23	7	1	34%	2.50
2017	29	11	1	41%	2.73
2018	29	7	0	23%	2.00

Waubay National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2009	66	16	9	38%	2.23
2010	66	17	8	37%	2.22
2011	64	9	7	25%	3.82
2012	51	17	2	38%	1.76
2013	51	15	1	31%	1.71
2014	33	8	2	32%	1.54
2015	33	8	0	24%	2.10
2016	33	8	1	29%	2.29
2017	21	10	3	61%	2.22
2018	22	10	3	56%	2.94

2018 Sand Lake Refuge Deer Harvest Projections

Last Revised:

7-May-19

Last Revised: 7-May-19	Licenses								Harvest Projections						
	Resident			Nonresident			Response	Tag	Whitetail				Total Deer	Mean Satisf	Avg Days
	Appl. 1st			Appl. 1st					Bucks		Does				
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn			
Unit/Type	Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted
SL1-01	156	20	20	12	2	2	100%	50%	10	0	1	0	11	4.21	2.77
SL1-03	4	10	10	2	1	1	82%	33%	0	2	1	0	4	5.00	2.44
SL2-01	202	20	20	17	2	2	91%	50%	11	0	0	0	11	4.35	3.30
SL2-03	3	10	10	0	1	1	73%	25%	0	0	3	0	3	4.71	3.38
SL3-01	85	20	19	14	2	2	86%	44%	9	0	0	0	9	5.50	3.44
SL3-03	2	10	10	0	1	1	91%	50%	0	2	1	2	6	6.17	1.40
SL4-01	44	20	20	9	2	2	59%	23%	5	0	0	0	5	4.75	2.38
SL4-03	0	10	10	1	1	1	64%	14%	0	0	2	0	2	4.80	1.57
SL5-01	87	20	20	6	2	2	91%	35%	6	0	2	0	8	5.63	2.65
SL5-03	8	10	10	1	1	1	100%	36%	0	0	3	1	4	4.13	1.82
Licenses	591	150	149	62	15	15	84.1%	38%	41	5	13	3	62	4.90	2.66

2018 Waubay Refuge Deer Harvest Projections

Unit/Type	Licenses							Harvest Projections								
	Resident			Nonresident				Response	Tag	Whitetail				Total Deer Harvested	Mean Satisf	Avg Days
	Appl. 1st			Appl. 1st						Bucks		Does				
	Choice *	Available	Sold	Choice *	Available	Sold	Adult			Fawn	Adult	Fawn				
WA1-01	68	10	10	2	1	1	73%	63%	6	0	0	1	7	4.50	3.63	
WA3-01	25	10	10	3	1	1	73%	50%	1	0	3	1	6	4.43	2.25	
Licenses	93	20	20	5	2	2	72.7%	56%	7	0	3	3	12	4.46	2.94	

All units require the use of muzzleloader firearms.

2018 Lacreek Refuge Deer Harvest Projections

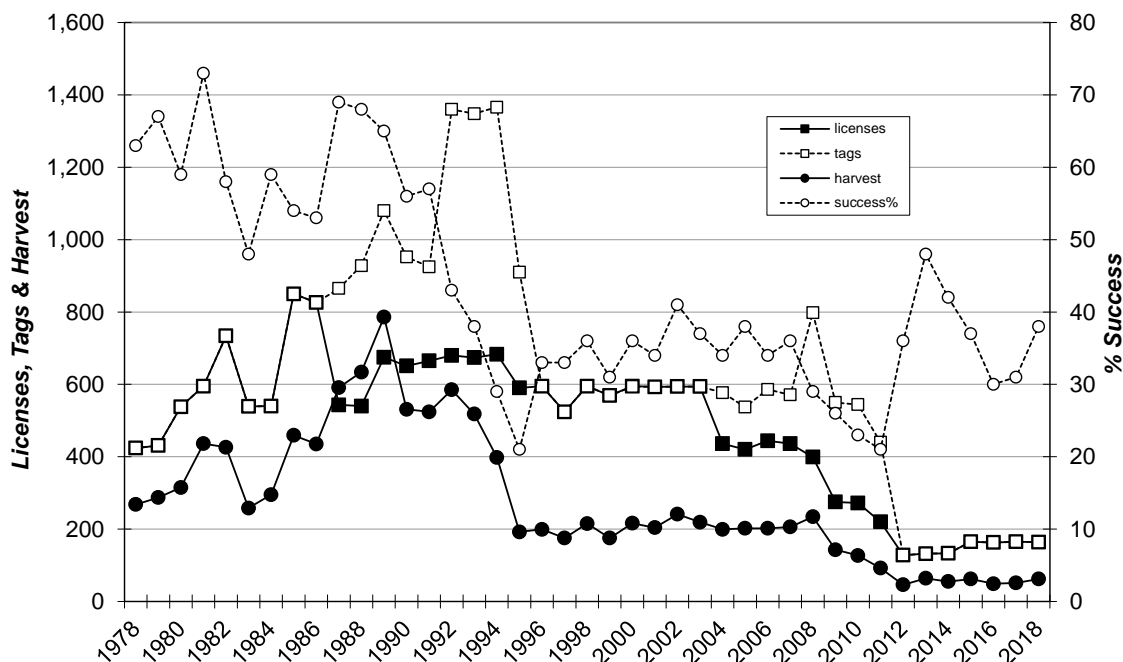
Unit/Type	Licenses						Response Rate	Tag Success	Harvest Projections										Total Deer Harvested	Mean Satisf Score	Avg Days Hunted
	Resident			Nonresident					Whitetail				Mule Deer								
	Appl. 1st			Appl. 1st					Bucks		Does		Bucks		Does						
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
LC1-01	221	15	16	7	2	2	89%	6%	1	0	0	0	0	0	0	0	1	4.44	2.13		
LC2-01	272	10	10	30	1	1	55%	50%	4	0	0	0	2	0	0	0	6	5.00	1.67		
Licenses	493	25	26	37	3	3	75.9%	23%	5	0	0	0	2	0	0	0	7	4.60	2.00		

Response rate for all units combined was:

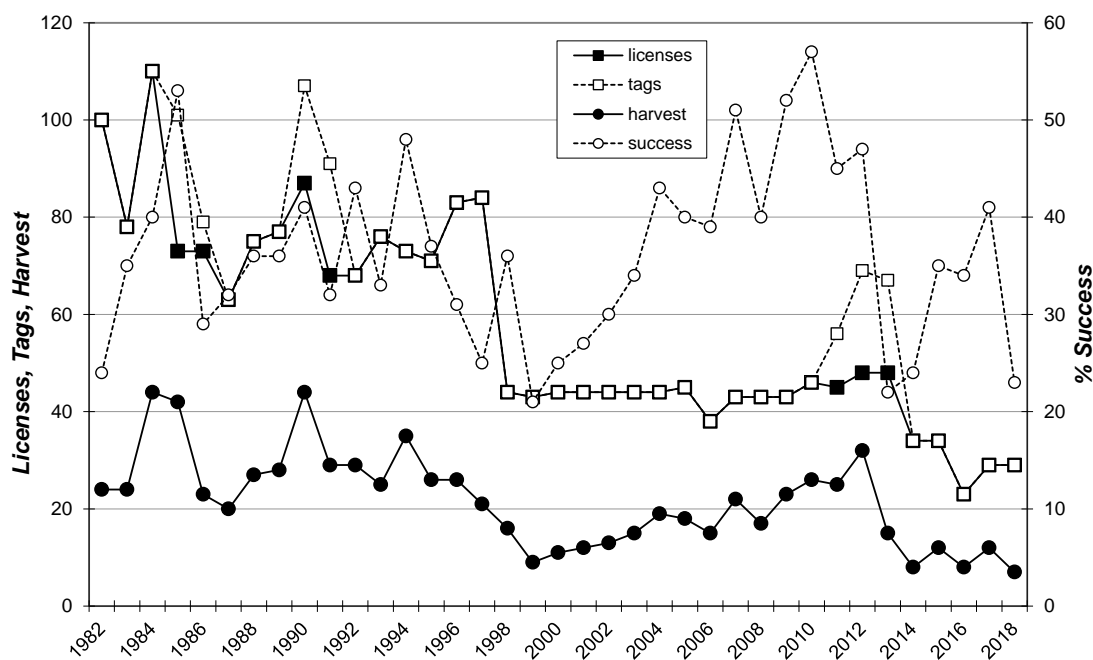
81.9%

* Number of 1st drawing applicants with that season as 1st choice.

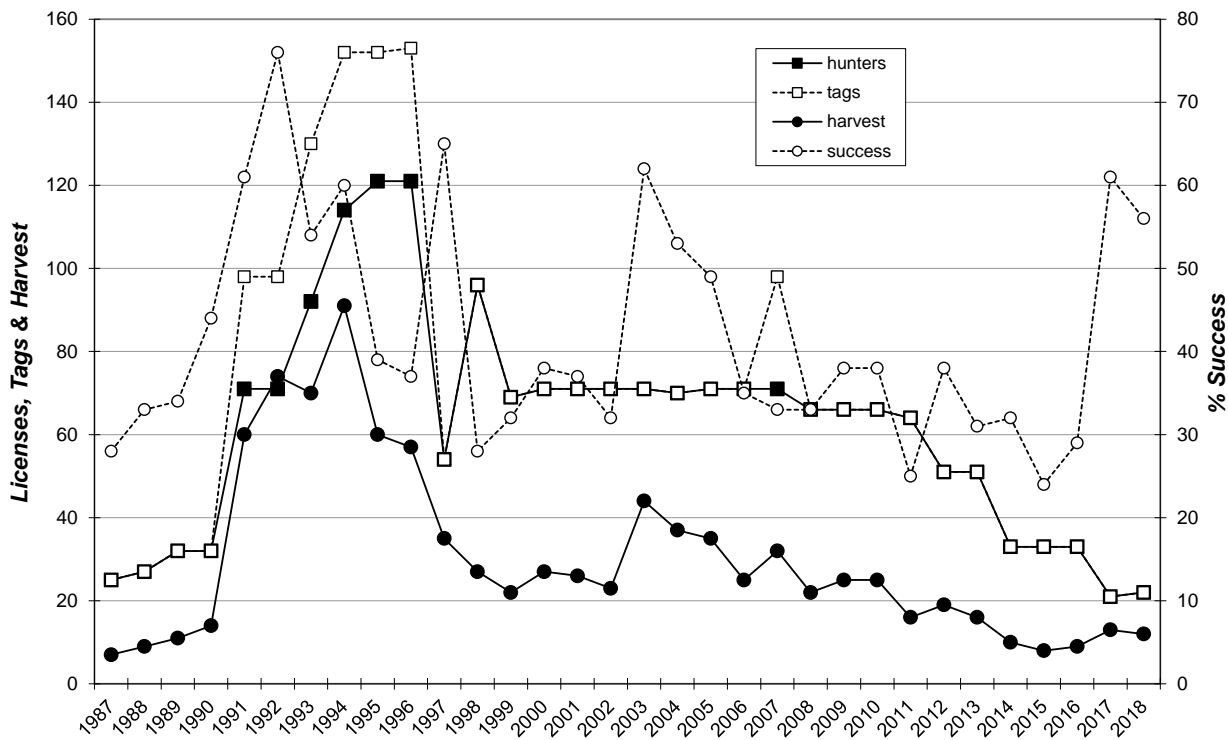
Sand Lake National Wildlife Refuge 1978-2018



Lacreek National Wildlife Refuge 1982-2018



Waubay National Wildlife Refuge 1987-2018



BLACK HILLS DEER

There were 4,710 single-tag licenses issued for the 2018 Black Hills Deer season (4,366 resident, 344 nonresident).

A random sample of 1,918 hunters was taken (41% of license holders) and there were 1,455 responses for a 76% return rate. Approximately 73% of responses were received through the Internet.

The season ran the month of November, a total of 30 days. Those responding reported hunting an average of 4.54 days, which projected to 21,367 recreation days for the season.

The mean satisfaction score for all combined units was 5.52 on a scale ranging from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 3,001 deer (2,223 adult whitetail bucks, 37 fawn whitetail bucks, 610 adult whitetail does, 33 fawn whitetail does, 86 adult mule deer bucks, 11 adult mule deer does, and 1 fawn mule deer doe. The overall season harvest success rate was 64%.

Including the estimated Black Hills harvest of 2,066 deer from the Archery, Apprentice, Mentored Youth, and Muzzleloader seasons, approximately 5,068 deer were harvested in the Black Hills proper.

Harvest summaries for the 2010-2018 Black Hills Deer seasons

YEAR	Licenses Sold		Bucks		Harvest Does		Total	Success	Avg Days Hunted	Avg Satis
	Resident	Nonres	WT	Mule	WT	Mule				
2010	4,938	389	2,300	101	599	16	3,017	57%	4.58	5.07
2011	4,137	329	2,011	107	401	10	2,530	57%	4.78	4.89
2012	3,337	243	2,008	88	289	6	2,391	67%	4.23	5.22
2013	3,330	261	1,912	62	318	2	2,294	64%	4.68	5.27
2014	3,242	252	2,076	59	275	0	2,410	69%	4.82	5.48
2015	3,741	294	2,533	74	307	2	2,917	72%	4.61	5.75
2016	4,120	325	2,604	86	505	2	3,198	72%	4.38	5.76
2017	4,319	343	2,616	79	630	0	3,325	71%	4.39	5.76
2018	4,366	344	2,260	86	643	12	3,001	64%	4.54	5.52

2018 Black Hills Deer Harvest Projections

Last Revised: 15-Feb-19

Last Revised: 10/16/19

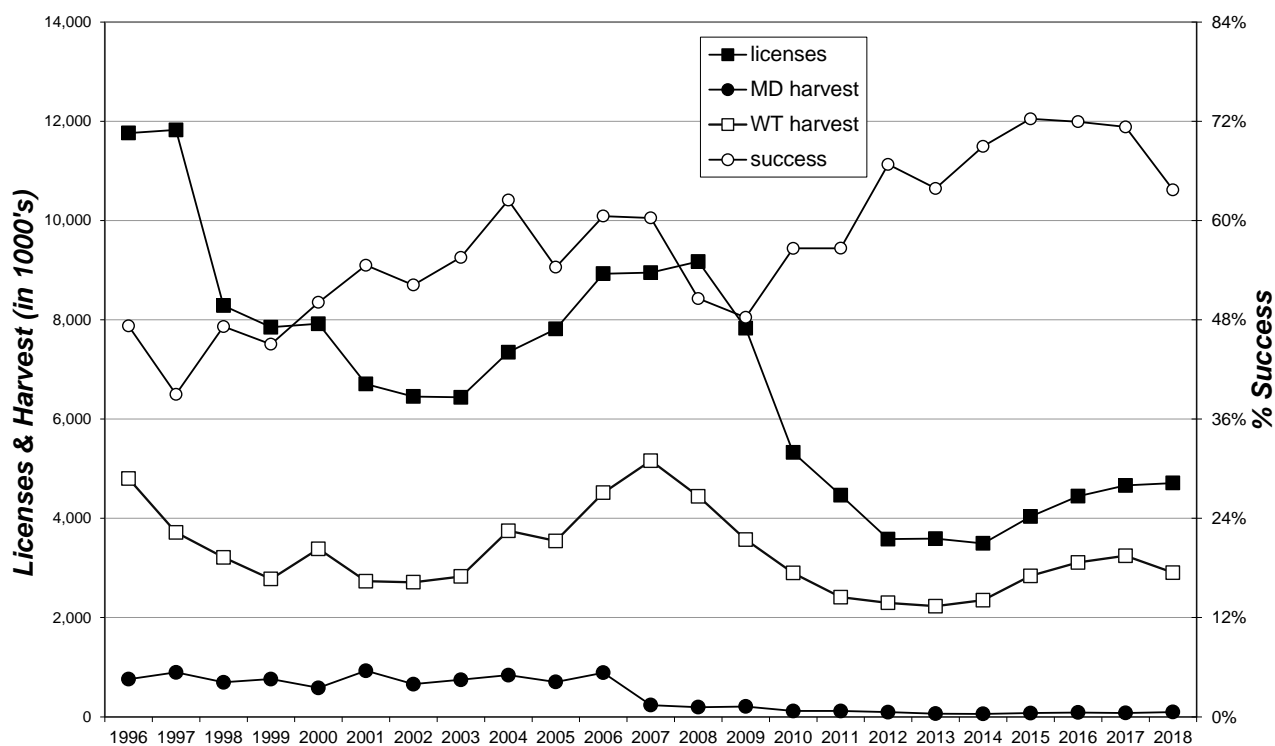
Unit/Type	Licenses								Harvest Projections										Total Deer	Mean Satisfctn Score	Avg Days Hunted
	Resident				Nonresident				Whitetail				Mule Deer								
	Appl. 1st				Appl. 1st				Bucks		Does		Bucks		Does						
	Choice *	Avail.	Sold		Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
BH1-01	3,854	200	270		383	16	16	77%	65%	84	1	8	0	86	0	5	1	186	+/-9	5.50	6.12
BH1-11	9,649	3,500	3,498		896	280	278	77%	64%	2,130	10	247	10	0	0	5	0	2,402	+/-115	5.49	4.72
BD1-13	322	500	498		35	40	40	73%	64%	8	25	292	19	0	0	0	0	345	+/-14	5.71	2.74
BD2-13	83	100	100		12	8	8	81%	64%	0	1	63	4	0	0	1	0	70	+/-5	5.46	3.01
Totals	13,908	4,300	4,366		1,326	344	342	75.9%	64%	2,223	37	610	33	86	0	11	1	3,001	+/-142	5.52	4.54

The response rate for all units combined is: 75.9%

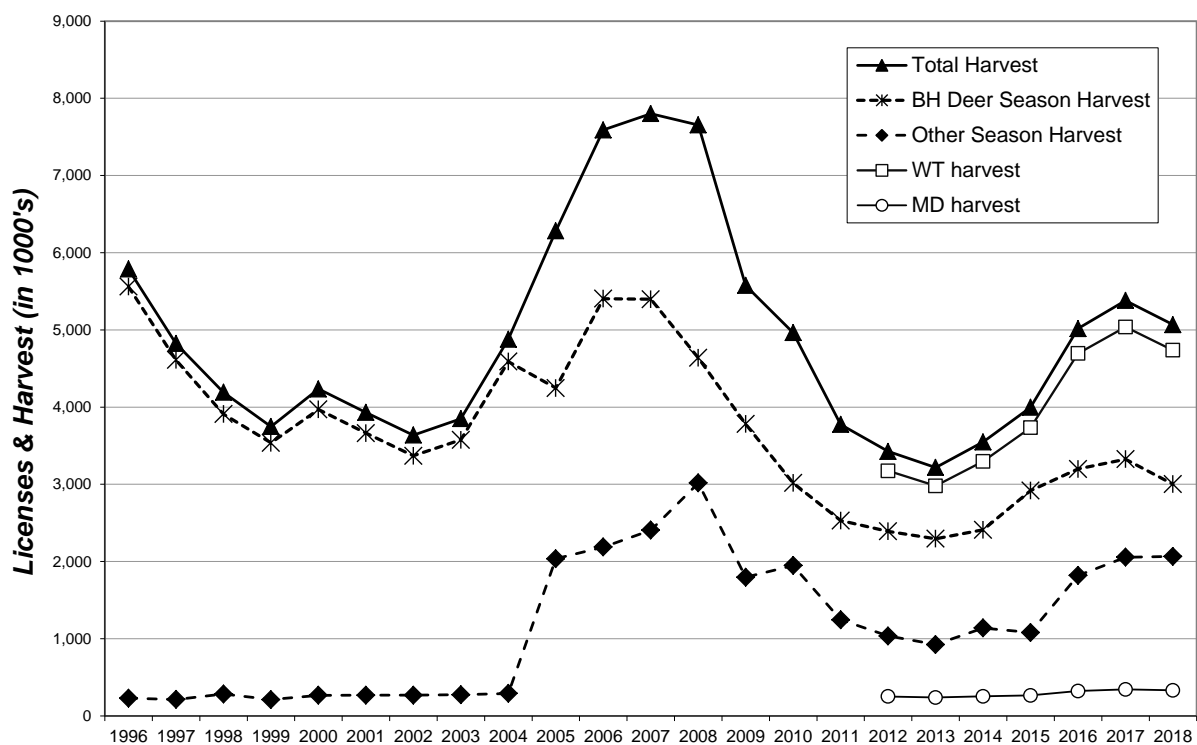
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that season as 1st choice.

Black Hills Deer 1996-2018



Black Hills Deer Harvest 1996-2018



CUSTER STATE PARK DEER

The 2018 Custer State Park Deer season was open November 1-30 for Any Deer and Any Whitetail licenses and from December 1-15 for Antlerless Whitetail muzzleloader licenses. Only archery equipment could be used from November 1-15. A total of 64 licenses were issued.

All license holders that provided an email address when they applied for their license were surveyed by email and those that did not respond or did not provide an email were sent paper surveys. A total of 54 responses were received for an 84% return rate. Those responding reported hunting an average of 2.56 days, which projected to 164 recreation days for the season.

The harvest projection for the Custer State Park Deer season was 36 deer (25 adult whitetail bucks, 7 adult whitetail does, 2 fawn whitetail does, and 1 fawn whitetail buck). The overall season harvest success rate was 56%.

Summary comparison of the 2009-2018 seasons

Year	Apps	Licenses	Whitetail		Mule		Total	Success	Avg Days Hunted
			Bucks	Does	Bucks	Does			
2009	1,667	47	10	42	2	0	54	87%	2.7
2010	1,336	47	8	44	2	0	52	84%	6.3
2011	1,831	47	10	23	2	0	35	88%	2.6
2012	1,825	12	10	0	1	0	11	92%	3.5
2013	1,474	30	7	17	0	0	24	80%	3.3
2014	1,755	30	8	13	0	0	21	68%	2.2
2015	1,866	29	8	15	0	0	23	79%	2.9
2016	2,088	40	10	19	0	0	29	72%	2.3
2017	2,391	64	30	11	1	0	42	66%	3.5
2018	2,503	64	26	9	0	0	36	56%	2.6

2018 Custer State Park Deer Harvest Projections

Last Revised: 22 Feb 2018

Last Revised: 22 Feb 2016

Harvest Projections																	
Licenses						Harvest Projections											
Resident						Whitetail				Mule Deer				Total Deer	Mean Satisfctn	Avg Days	
Appl. 1st						Bucks		Does		Bucks		Does					
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Score	Hunted
CU1-01	1,346	5	5	100%	60%	3	0	0	0	0	0	0	0	3	+/-0	5.50	3.60
CU1-11	1,102	29	29	83%	79%	22	0	1	0	0	0	0	0	23	+/-2	5.48	3.71
CU1-13	55	30	30	83%	32%	0	1	6	2	0	0	0	0	10	+/-2	4.67	1.28
	2,503	64	64	84.4%	56%	25	1	7	2	0	0	0	0	36	+/-4	5.10	2.56
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that season as 1st choice.																	

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that season as 1st choice.

MOUNTAIN GOAT

The 2018 season for Mountain Goats in the Black Hills was open from September 1 through December 31. There were two licenses issued for the Mountain Goat season in the Black Hills. There were 3,511 applicants for those two licenses. Both hunters were successful, one harvested a billy and one a nanny, and reported hunting 22 total days, an average of 11 days per hunter.

Comparison of the 2005-2018 Black Hills Mountain Goat seasons

Year	Apps/License	Billies Harvested	Nannies Harvested	Success	Avg. Days Hunted
2005	2,591/2	0	2	100%	2.5
2006	2,678/2	0	1	50%	5.5
2007-2014	No Season				
2015	3,758/2	1	1	100%	4.3
2016	3,564/2	2	0	100%	8.0
2017	3,505/2	2	0	100%	14.0
2018	3,511/2	1	1	100%	11.0

BIGHORN SHEEP

The 2018 season for Bighorn Sheep was open from September 1 through December 31. The traditional unit 1 in Pennington County west of SD Highway 79 was closed in 2018. In addition to unit 2 in Custer County west of Highway 79, unit 3 was created in 2018 in the area surrounding the northern portion of Badlands National Park with one license available. There were 4,410 applicants for the three any-bighorn licenses (3,788 for unit 2 and 622 for unit 3). An additional license was auctioned to the highest bidder and was valid in unit 2. All hunters were surveyed and all were successful at harvesting a ram. The four hunters reported an average of 6 days hunting. The Custer State Park Bighorn Sheep season remained closed in 2018.

Comparison of the 2010-2018 Black Hills Bighorn Sheep seasons

Year	Apps/License	Rams Harvested	Ewes Harvested	Success	Avg. Days Hunted
2010	3,643/5	5	0	100%	23.0
2011	3,614/3	3	0	100%	6.7
2012	3,381/2	2	0	100%	6.0
2013	4,033/2(+1)	3	0	100%	4.5
2014	4,336/2(+1)	3	0	100%	9.2
2015	4,757/2(+1)	3	0	100%	13.0
2016	4,538/2(+1)	3	0	100%	4.0
2017	4,357/2(+1)	3	0	100%	16.7
2018	4,410/3(+1)	4	0	100%	6.0

MOUNTAIN LION

The 2018/19 Black Hills season opened on December 26, 2018 and ended on March 31, 2019. The harvest limit was 60 total or 40 female mountain lions. After the Black Hills season closed, anyone with a valid 2019 license who did not take a mountain lion could hunt the remainder of the calendar year on land that was located outside the Black Hills Fire Protection District.

There were 2,818 resident mountain lion licenses issued prior to the end of the 2018/19 Black Hills season. A total of 57 access permits were also issued for Custer State Park (CSP).

Surveys were emailed or mailed to all hunters who purchased a license before the Black Hills season ended and the survey response rate was 63%. Active hunters reported hunting an average of 6.9 days outside of CSP and 4.3 days inside CSP. Average hunter satisfaction was 4.87 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral. Hunters who purchased a license after the regular Black Hills season ended were not surveyed.

The overall Black Hills success rate was 1.85%, with a total of 21 mountain lions harvested, 8 of which were females. Hunter success for active mountain lion hunters in the Black Hills (excluding those with a CSP access permit) was 1.27%, whereas success for those a hound access permit in CSP was 58.3%. Check station data for the Black Hills showed that 9 mountain lions were harvested in Custer County, 8 in Lawrence County, and 4 in Pennington County. Seven mountain lions were harvested within Custer State Park, all by hunters with access permits that allowed the use of hounds.

A total of 10 mountain lions were harvested on the prairie outside of the Black Hills Fire Protection District from April 1, 2018 to March 31, 2019. The total included 6 subadult males, 2 adult males, and 2 subadult females.

Harvest statistics for 2009/10 - 2018/19 Black Hills Mountain Lion seasons (excluding CSP)

YEAR	Season Length (Days)	Licenses Sold	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2009/10	41	2,082	1,468	16	24	6.2	5.00
2010/11	52	2,325	1,790	19	26	6.6	5.11
2011/12	61	3,482	2,646	27	42	7.1	4.92
2012/13	96	4,351	2,872	23	31	7.3	4.71
2013/14	96	3,293	1,861	18	26	6.9	4.69
2014/15	96	3,211	1,689	18	20	7.1	4.58
2015/16	97	3,102	1,529	11	24	7.1	4.75
2016/17	96	2,561	1,153	10	13	6.9	4.51
2017/18	96	2,878	1,199	7	15	7.3	4.87
2018/19	96	2,818	1,132	8	6	6.9	4.81

2018/19 Black Hills Mountain Lion Harvest Projections

Last Revised:
19-Jun-19

19-Jun-19

2024 Revised

Unit/Type	Resident Licenses		Response Rate	Active Hunters		Active Hunter Success	Harvest Reports						Total Lion Harvest	Mean Satisfactn Rating	Average Days Hunted	
	Avail.	Sold		Black Hills	CSP		Males			Females					BHills	CSP
							Adult	Subadult	<1 year	Adult	Subadult	<1 year				
Black Hills (no CSP permit)	Unlimited	2,761	62%	1,102	----	1.27%	6	1	1	4	2	0	14	4.81	6.8	----
CSP Boot Access Permit	45	45	89%	28	26	0.0%	0	0	0	0	0	0	0	5.13	9.1	3.9
CSP Hound Access Permit	12	12	100%	2	12	58.3%	4	1	0	1	1	0	7	6.58	0.3	5.2
Totals		2,818	62.7%	1,132	38	1.85%	10	2	1	5	3	0	21	4.87	6.9	4.3

Harvest statistics for 2011/12 - 2018/19 Custer State Park Mountain Lion seasons

YEAR	Season Length (Days)	Permits Issued	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2011/12	61	74	57	0	4	4.4	5.03
2012/13	96	162	104	3	4	3.8	4.88
2013/14	96	136	92	4	5	3.6	4.99
2014/15	96	136	90	3	2	3.4	4.60
2015/16	97	57	30	5	1	5.6	5.44
2016/17	96	57	37	4	3	3.7	5.13
2017/18	96	57	41	5	4	4.0	5.26
2018/19	96	57	38	5	2	4.3	5.63

Reported participation and mean days hunted by Custer State Park permit period

2018/2019 CSP Lion Season	Mean Days Hunted							
	Dec. 26 Jan 8 ^a	Jan 9 Jan 22	Jan 23 Feb 5 ^a	Feb 6 Feb 19	Feb 20 Mar 5 ^a	Mar 6 Mar 19	Mar 20 Mar 31 ^a	TOTAL
Permits Issued	3	15	3	15	3	15	3	57
Sample (n)	3	15	3	15	3	15	3	57
Responded (N)	3	13	3	14	3	13	3	52
Response Rate	100%	87%	100%	93%	100%	87%	100%	91.2%
Reported Did Not Hunt	0		0		0		0	0
Reported Hunted	3	8	3	8	3	7	3	35
Projected Hunted	3	9	3	9	3	8	3	38
Reported Days Hunted	4	39	31	21	10	30	17	152
Projected Days Hunted	4	45	31	23	10	35	17	164
Mean Days Hunted	1.3	4.9	10.3	2.6	3.3	4.3	5.7	4.3
Lions Harvested ^b	3	0	1	0	2	0	1	7

a. hunting with hounds allowed

b. total lions harvested based on mandatory check-in data, not returned surveys.

Lion hunters' preference for mountain lion population over the next 5 years

	All Licensed Lion Hunters	Inactive Lion Hunters	Active Lion Hunters	Harvested a Lion
Decrease A Lot	18.4	23.0	11.7	—
Decrease A Little	19.6	20.7	18.1	19.0
Stay About the Same	37.8	34.0	43.3	61.9
Increase A Little	12.3	9.5	16.3	9.5
Increase A Lot	3.2	2.5	4.2	—
Not Sure	8.66	10.28	6.33	—
N	1,732	1,021	711	21
Mean*	2.88	2.79	3.02	2.71

*Mean preference is based on a scale of 1-5, where "1" is decrease a lot, "3" is stay the same, and "5" is increase a lot.